

CHAMBERS'S SEVEN-FIGURE MATHEMATICAL TABLES

CONSISTING OF
LOGARITHMS OF NUMBERS 1 TO 100,000
TRIGONOMETRICAL AND OTHER TABLES

COMPILED BY
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COLLEGE EDITION

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FOREWORD

THIS College Edition of *Chambers's Seven-Figure Mathematical Tables* by James Pryde has been abbreviated from the original by the omission of a number of specialized tables contained in the original. All the tables used in ordinary calculations have been retained, a short table of functions of the integers 1-100 has been added, and the final page of mathematical constants and metric conversion factors has been presented in a more convenient form.

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EXPLANATION OF THE TABLES.

COMMON LOGARITHMS. (PAGES 2-181.)

(1) A Table of Logarithms is a collection of auxiliary numbers, so constructed, that by it Multiplication of common numbers can be performed by *addition* of their Logarithms; Division by their *subtraction*; Involution, or raising of powers, by their *multiplication*; and Evolution, or extraction of roots, by their *division*. These auxiliaries or Logarithms are the exponents or powers to which an Invariable number called the *base* has to be raised, in order to produce the number of which it is the Logarithm.

The above expressed in algebraic symbols, where A and B represent two numbers, is

$$\begin{aligned}
 (a) \quad & \text{Log. } (A \times B) &= \text{log. } A + \text{log. } B. \\
 (b) \quad & \text{Log. } \frac{A}{B} &= \text{log. } A - \text{log. } B. \\
 (c) \quad & \text{Log. } A^n &= n \text{ log. } A. \\
 (d) \quad & \text{Log. } \sqrt[n]{A} = \text{Log. } A^{\frac{1}{n}} &= \frac{1}{n} \text{ log. } A.
 \end{aligned}$$

(2) In the following Tables of common logarithms, the base = 10, and the power to which 10 has to be raised to produce any number, is therefore the logarithm of that number; thus,

$$\begin{array}{ll}
 10^1 = 10 & \therefore 1 = \text{log. } 10 \\
 10^2 = 100 & \therefore 2 = \text{log. } 100 \\
 10^3 = 1000 & \therefore 3 = \text{log. } 1000 \\
 10^4 = 10000 & \therefore 4 = \text{log. } 10000 \\
 10^5 = 100000 & \therefore 5 = \text{log. } 100000 \\
 \text{\&c.} & \text{\&c.}
 \end{array}$$

If, beginning again with 10^1 , we divide successively by 10, we obtain the following results:

$$\begin{array}{ll}
 10^1 = 10 & \therefore 1 = \text{log. } 10 \\
 10^0 = 1 & \therefore 0 = \text{log. } 1 \\
 10^{-1} = \frac{1}{10} = \cdot 1 & \therefore -1 = \text{log. } \cdot 1 \\
 10^{-2} = \frac{1}{10^2} = \cdot 01 & \therefore -2 = \text{log. } \cdot 01 \\
 10^{-3} = \frac{1}{10^3} = \cdot 001 & \therefore -3 = \text{log. } \cdot 001 \\
 10^{-4} = \frac{1}{10^4} = \cdot 0001 & \therefore -4 = \text{log. } \cdot 0001 \\
 \text{\&c.} & \text{\&c.}
 \end{array}$$

When we find from the Table that $\log 35 = 1.5440680$, this means that $10^{1.5440680} = 10^{1.5440680} = 35$, or that, if 10 be raised to a power denoted by the numerator of the fractional exponent, and of the number so found the root indicated by the denominator be extracted, the result will be 35. Other logarithms are to be similarly interpreted.

(3) From the above it appears that the common $\text{Log } 1 = 0$, that $\text{Log } 10 = 1$, hence, the logarithms of numbers greater than 1 and less than 10, will be greater than 0 and less than 1, in other words, will be some proper fraction or decimal, without an integer, that the logarithms of all numbers greater than 10 but less than 100, will be greater than 1 and less than 2, or will be $1 +$ a decimal, while the logarithm of a number consisting of 3 integral figures will be $2 +$ a decimal and so on, the integral part of the logarithm being always one less than the number of integral figures in the number of which it is the logarithm.

(a) Definition.—The integral part of a logarithm is called its *characteristic*, and the decimal part is called the *mantissa*.

(4) It also appears that the logarithms of all proper fractions are negative, thus, the logarithm of $\frac{2}{3}$ or $\log \frac{2}{3}$ is $(1, b) \log 2 - \log 3$, or $.4771213 - .6020600 = -.1249387$, but subtracting this from 0, the logarithm of 1, we have 1.8750613 , where the *characteristic* only is negative, and the *mantissa* is positive, and consists of the same figures as the *mantissa* of $\log \frac{2}{3}$, which is 1.8750613 , from which it appears that the *mantissa* of the logarithm of a number is the same, so long as the digits of the number remain the same, and that the *characteristic* alone changes according to the position of the decimal point, thus,

$\text{Log } 43758$	$= 4.6410575$
$\text{Log } 4375.8$	$= 3.6410575$
$\text{Log } 437.58$	$= 2.6410575$
$\text{Log } 43.758$	$= 1.6410575$
$\text{Log } 4.3758$	$= 0.6410575$
$\text{Log } .43758$	$= \bar{9}.6410575$
$\text{Log } .043758$	$= \bar{8}.6410575$
$\text{Log } .0043758$	$= \bar{7}.6410575$
$\&c.$	$\&c.$

(a) This property of the *characteristic* and *mantissa* is only true of logarithms whose *base* is the same as the root of the scale of arithmetical notation, it is not true of Napierian logarithms, hence, a table of Napierian logarithms, in order to be universally useful, would require to be infinite in extent. For this reason a table of common logarithms is commonly used for ordinary processes of calculation.

(5) The *Characteristic*.—From what has been said above, and from the fact that only the *mantissa* of the logarithm is put in the Table, the *characteristic*, in each case, must be supplied by the calculator himself. This is done by the following easy Rule.

(a) If the number whose logarithm is sought contain one or more integral figures, *the characteristic is always one less than the number of integral figures in the number, and is positive.*

(b) If the number is wholly a decimal, *its characteristic is the same as the place from the decimal point which its first significant figure occupies, and is negative: in this case the negative sign is placed over the characteristic, to show that it alone is negative, the mantissa being always positive.*

(6) TO FIND THE LOGARITHM OF A GIVEN NUMBER BY THE TABLES.

(a) If the number consist of not more than *three* figures: the mantissa will be found in the tables, opposite the number multiplied by 10, 10^2 , 10^3 , etc.; and the characteristic must be supplied by (5, a) or (5, b), according as it contains an integer, or is all a decimal. In this manner are found Log. 7, Log. 75, Log. 753, and Log. .0075:

Mantissa of Log. (7×10^1) = .8450980	\therefore Log. 7 = 0.8450980
Mantissa of Log. (75×10^1) = .8750613	\therefore Log. 75 = 1.8750613
Mantissa of Log. (753×10) = .8767950	\therefore Log. 753 = 2.8767950
Mantissa of Log. (0.0075×10^4) = .8750613	\therefore Log. 0.0075 = $\bar{3}$.8750613

(b) If the number contain *four* digits: the mantissa will be found on pages 2 to 181 under 0 at the top of the page, and opposite the number itself in the column marked No. at the left-hand side of the page; and the proper characteristic must be applied as in the last case. In this manner are found,

$$\text{Log. } 374.5 = 2.5734518 \quad \text{Log. } .03745 = \bar{2}.5734518$$

(c) If the number contain *five* digits: the mantissa will be found on pages 2 to 181, *opposite* the first four figures on the left-hand side of the page, and *under* the fifth at the top. In this way it is found that

$$\text{Log. } 87617 = 4.9427371 \quad \text{Log. } .78539 = \bar{1}.8950854$$

(d) If the number whose logarithm is sought contain six or seven figures: find the mantissa corresponding to the first five figures as directed in (c); then take the difference between this logarithm and the next higher in the table, which is the change in the logarithm corresponding to an increase of 1 or a unit in the *fifth* figure of the number. Now, the sixth figure is tenth parts of this unit, and the sixth and seventh are hundredth parts of this unit; in other words, are decimals in reference to it. Hence, if the difference found above be multiplied by the figures above five, considered as decimals, and the product added to the logarithm found as above, it will be the *true* logarithm sought; thus: Find the logarithm of 387518.

Log. 38751	=	.5883165
Log. 38755	=	<u>.5883277</u>
their difference is		112
and		112 \times .8 = 89.6 or 90 = correction
\therefore Log. 387518	=	.5883255

Find the logarithm of 276 5473

$$\text{Here Log } 27650 = 2.4417737$$

$$\text{Log } 27651 = 2.4417880$$

$$\text{their diff. is} = \underline{157}$$

$$\text{and } 157 \times 73 = 11461 \text{ or } 115 = \text{correction.}$$

$$\text{Log } 2765473 = 2.4417695$$

The lines above the figures seen on many of the pages indicate that a change has occurred in the *first three figures* of the mantissa. Thus, on page 2 line 3 the log of 10094 = 4.0010411 not 4.0000411

(7) PROPORTIONAL PARTS BY INSPECTION

These corrections can also be more readily made by means of the columns of proportional parts to be found on the right hand side of each page, thus under diff 112 and opposite 8 is found 90 which being added to the last figures of the log 38754 gives log 387548 as above. Also under the difference 157 and opposite 7 is found 110 and opposite 3 is found 47, but 3 being in the *seventh* place 47 must be taken as 47 which being nearer to 5 than 4 must be taken as 5 and this added to the 110 gives 115 as the correction to be added to the log 276 54 to obtain the logarithm of 276 5473 the result being the same as found above.

The differences change so rapidly at the beginning of the Tables that for want of room only every *third* difference is given from page 2 to 9 and every *second* difference from page 10 to 19 from page 20 to end every difference is given. When the exact difference is not given use that which differs from it only by *one* and the result will be sufficiently exact for ordinary purposes but, when the *greatest accuracy* is required, correct by the *rule (d)* above.

EXERCISES

1 The logarithm of	729	=	2.8627275
2 The logarithm of	4385	=	0.6419696
3 The logarithm of	53874	=	4.7313792
4 The logarithm of	538745	=	1.7313833
5 The logarithm of	003768	=	3.5761109
6 The logarithm of	7853968	=	6.8950891

(8) TO FIND THE NUMBER CORRESPONDING TO A GIVEN LOGARITHM

The number of which a given value is the logarithm is frequently called its Antilogarithm, and smaller tables usually give for convenience a separate table of Antilogarithms. For seven figures of decimals such a table would be extensive it is superfluous, since the user has merely to reverse the process for finding a logarithm i.e. find from the table which number yields the given logarithm.

When the logarithm is not found in the table take out the next lower and the five figures of the number belonging to it then, find the difference between this logarithm and the given one and under the corresponding tabular difference find the proportional part which is equal to this difference and opposite it is found the sixth figure of the number but if the difference is not exactly found among the proportional parts take the next lower part and the figure opposite it is the sixth figure of the number, subtract this part from the given difference, annex to the remainder a cipher, con-

sider it as a new proportional part, and find the corresponding figure as before, and it will be the seventh figure of the number.

EXAMPLE.

Find the number (or antilogarithm) whose logarithm is 3·9212074.

Given logarithm = 3·9212074

Number = 8340·7 to next lower log. = 3·9212025

Number =09 to next lower pro. part = 49

Number =004 to nearest pro. part = 20

Number =004 to nearest pro. part = 21

Hence 8340·794 is the required number or antilogarithm.

COMPUTATION OF NEGATIVE CHARACTERISTICS.

It is usual to make only the characteristic of a logarithm negative, as the calculations can thus be made more conveniently. Calculations with negative characteristics are made according to the rules of algebraic addition and subtraction.

(9) (a) To add two negative characteristics.

Take their sum, and make it negative. Thus $\bar{2}$ added to $\bar{3}$, gives $\bar{5}$.

(b) To add a positive and negative characteristic.

Take their difference, and consider it to be positive or negative according as the positive or negative characteristic is the greater; that is, the difference has the sign of the greater.

Thus 6 and $\bar{2}$ give 4; 5 and $\bar{2}$ give 3; $\bar{5}$ and 2 give $\bar{3}$; $\bar{2}$ and 1 give $\bar{1}$; and so on.

The following examples will easily be performed by attending to these two rules:

EXAMPLES.

1. Add 5·3468541 and $\bar{3}$ ·2685427

5·3468541

$\bar{3}$ ·2685427

2·0783114

2. Add 6·3874654 and $\bar{2}$ ·9245630

6·3874654

$\bar{2}$ ·9245630

5·4629024

In this example the sum in the first decimal place is 13, and the 1 is carried to 3, which gives 7, then 7 and $\bar{2}$ give 5.

3. Add $\bar{2}$ ·5632874 and $\bar{3}$ ·2465281

$\bar{2}$ ·5632874

$\bar{3}$ ·2465281

$\bar{5}$ ·8098155

(10) To subtract a negative characteristic

Change its sign to plus, and then add it by the preceding rules for addition. Thus, to subtract $\bar{3}$ from 2, the result is found by adding 3 to 2, which gives 5. So $\bar{3}$ subtracted from $\bar{2}$, gives 5 and $\bar{2}$, or 3, also $\bar{3}$ subtracted from $\bar{5}$, gives 3 and $\bar{3}$, or $\bar{2}$.

EXAMPLES.

$$\begin{array}{r} 1 \text{ From } 26847658 \text{ subtract } \bar{3} 2468543 \\ 26847658 \\ \bar{3} 2468543 \\ \hline 54379115 \end{array}$$

$$\begin{array}{r} 2. \text{ From } \bar{2} 3468537 \text{ subtract } \bar{5} 7654626 \\ \bar{2} 3468537 \\ \bar{5} 7654626 \\ \hline 25313511 \end{array}$$

Here $\bar{5}$ taken from $\bar{2}$, gives 5 and $\bar{2}$, or 3, but in subtracting the first decimal places, there is one to be carried, in other words, 1 is to be subtracted from the upper number $\bar{2}$, which makes it $\bar{3}$, then $\bar{3}$ and 5 give 2

$$\begin{array}{r} 3. \text{ From } \bar{5} 6843252 \text{ subtract } \bar{3} 7856310 \\ \bar{5} 6843252 \\ \bar{3} 7856310 \\ \hline \bar{3} 8986942 \end{array}$$

Here $\bar{3}$ taken from $\bar{5}$, gives 3 and $\bar{3}$ or $\bar{2}$, and a 1 of carriage, which is of course to be subtracted, gives $\bar{2}$ and $\bar{1}$ or 3, or the 1 of carriage, with the $\bar{5}$ makes $\bar{6}$, and $\bar{3}$ taken from $\bar{6}$, gives 3 and $\bar{3}$ or 3

(11) To multiply a logarithm with a negative characteristic.

Multiply the fractional part by the common rules, then multiply the negative characteristic, which will give a negative product, and add the carriage to it by the rule (6) above.

Thus $\bar{2}$, multiplied by 5, gives $\bar{10}$, and if 2 of carriage is to be added, the result is 8

EXAMPLES.

$$\begin{array}{r} 1. \text{ Multiply } \bar{2} 3685464 \text{ by } 3 \\ \bar{2} 3685464 \\ 2 \\ \hline \bar{4} 7370928 \end{array}$$

$$\begin{array}{r} 2. \text{ Multiply } \bar{3} 7856473 \text{ by } 6 \\ \bar{3} 7856473 \\ 6 \\ \hline \bar{14} 7128238 \end{array}$$

Here $\bar{3} \times 6 = \bar{18}$, and $\bar{18}$, with the carriage 4, gives $\bar{14}$.

(12) To divide a logarithm having a negative characteristic.

If the characteristic is divisible by the divisor, write down the quotient with a negative sign, and divide the fractional part by common rules. But if the negative characteristic is not divisible by the divisor, add such a negative number to it as will make it divisible, and prefix an equal positive integer to the fractional part of the logarithm; then divide the increased negative exponent and the other part of the logarithm separately, and the former quotient, taken negatively, will be the characteristic to the fractional part of the quotient.

Thus $\bar{6}$, divided by 3, gives $\bar{2}$. But to divide $\bar{10}$ by 3, add $\bar{2}$ to it, and then $\bar{10}$ is equal to $\bar{12}$ and 2; the former, divided by 3, gives $\bar{4}$, and the latter $\frac{2}{3}$. The quotient, therefore, is $\bar{4}$ and $\frac{2}{3}$.

EXAMPLES.

$$\begin{array}{l} 1. \text{ Divide} \quad \quad \quad \bar{6} \cdot 3246846 \text{ by } 3 \\ \bar{6} \cdot 3246846 \div 3 = \bar{2} \cdot 1082282 \end{array}$$

$$\begin{array}{l} 2. \text{ Divide} \quad \quad \quad \bar{14} \cdot 3268472 \text{ by } 9 \\ \bar{14} \cdot 3268472 = \bar{18} + 4 \cdot 3268472 \\ \text{and the quotient is} \quad \quad \quad = \bar{2} \cdot 4807608 \end{array}$$

Here 4 must be added to $\bar{14}$, that the sum $\bar{18}$ may be divisible by 9; and as $\bar{4}$ is thus added, therefore 4 must be prefixed to the fractional part, and thus the value of the logarithm is unaltered, for there is added to it $\bar{4}$ and 4, or 0.

(13) To PERFORM MULTIPLICATION BY LOGARITHMS.

Add the logarithms of the factors, and the sum will be the logarithm of the product.

EXAMPLES.

$$\begin{array}{l} 1. \text{ Multiply} \quad \quad \quad 2 \cdot 581926 \text{ by } 345 \cdot 7291. \\ \quad \quad \quad \text{L } 2 \cdot 581926 = 0 \cdot 4119438 \} \\ \quad \quad \quad \text{L } 345 \cdot 7291 = 2 \cdot 5387359 \} \\ \text{Product} = 892 \cdot 617, \text{ its log.} \quad \quad \quad = 2 \cdot 9506797 \quad \text{Sum.} \end{array}$$

$$\begin{array}{l} 2. \text{ Multiply} \quad \quad \quad \cdot 03902, 59 \cdot 716, \text{ and } \cdot 00314728. \\ \quad \quad \quad \text{L } \cdot 03902 = \bar{2} \cdot 5912873 \} \\ \quad \quad \quad \text{L } 59 \cdot 716 = 1 \cdot 7760907 \} \\ \quad \quad \quad \text{L } \cdot 00314728 = \bar{3} \cdot 4979353 \} \\ \text{Product} = \cdot 007833533, \text{ its log.} \quad \quad \quad = \bar{3} \cdot 8653133 \quad \text{Sum.} \end{array}$$

EXERCISES.

- | | |
|---|----------------|
| 1. Multiply 231.4 and 5.062. | Ans. 1171.347. |
| 2. Multiply 35.86, 2.1046, .8372, and .00294. | Ans. .1857618. |

(14) To PERFORM DIVISION BY LOGARITHMS.

From the logarithm of the dividend subtract that of the divisor, and the remainder will be the logarithm of the quotient.

EXAMPLES

1 Divide	871 49 by 52 378	
	$L\ 871\ 49 = 2\ 5039471$	}
	$L\ 52\ 378 = 1\ 7191323$	
Quotient = 7 092752	0 8508148	Diff
2 Divide	07438 by 129 476	
	$L\ 07438 = \bar{2}\ 8714562$	}
	$L\ 129\ 476 = 2\ 1121893$	
Quotient = 0005744694	1 7592669	Diff

EXERCISES.

1 Divide 241 63 by 4 567	Ans 52 90782
2 Divide 6314 by 007241	Ans 87 19792

(15) TO PERFORM PROPORTION BY LOGARITHMS

Add together the logarithms of the second and third terms, and from their sum subtract the logarithm of the first, and the remainder will be the logarithm of the fourth term

(a) The *arithmetical complement* of a number is the remainder, after subtracting it from a number consisting of 1, with as many ciphers annexed as the number has of integers. When the index of a logarithm is less than 10, which is generally the case, its arithmetical complement is found by subtracting it from 10

(b) The arithmetical complement of a logarithm is easily found by subtracting its right hand significant figure from 10 and all those before it from 9

Instead of subtracting the logarithm of the first term its arithmetical complement may be added to the logarithms of the second and third, and the sum, after deducting 10 from the index, will be the logarithm of the fourth term.

EXAMPLE

Find a fourth proportional to 723 4 02019 and 3574 862.

As	723 4	2 8593785	ar com.	7 1406218
To	09519	$\bar{2}\ 4012982$		$\bar{2}\ 4012282$
So is	3574 862	8 5539592		8 5539592
		<u>1 9544874</u>		<u>1 0951089</u>
To	1244827	<u>1 0951089</u>		

In the first method, the logarithms of the second and third terms are added, and that of the first term is then subtracted from the sum, and in the second method, the arithmetical complement of the logarithm of the first term is added to the logarithms of the second and third, and from 9 the index 10 is subtracted, which gives 1 for a remainder

(c) The *arithmetical complement* of a number is also sometimes understood to be the algebraic remainder after subtracting the number from zero or nothing. Instead of subtracting a number from another, if this arithmetical complement

of the former is added to the latter, the sum will be the required difference without deducting 10 or any other number. Thus, in the above example,

$$\begin{array}{rcl} \Delta. C.* \text{ of } L \ 723.4 & = & \bar{3}.1406215 \\ L \ .02519 & = & \bar{2}.4012282 \\ L \ 8574.862 & = & 3.6532592 \\ & & \hline & & \bar{1}.0951089 \end{array}$$

which is the same result as before.

(16) TO PERFORM INVOLUTION BY LOGARITHMS.

Multiply the logarithm of the given number by the exponent of the power to which it is to be raised, and the product will be the logarithm of the required power.

EXAMPLE.

Find the cube of 30.7146.

$$L \ 30.7146 = 1.4873449$$

3

$$\hline 4.4620347 = L \ 28975.75$$

Hence the cube of 30.7146 = 28975.75.

EXERCISES.

1. Find the fourth power of 9.163. Ans. 7049.33.
2. Find the 365th power of 1.0045. Ans. 5.148888.

(17) TO PERFORM EVOLUTION BY LOGARITHMS.

Divide the logarithm of the given number by the exponent of the root which is to be extracted, and the quotient will be the logarithm of the required root.

EXAMPLES.

1. Find the cube root of 12345.

$$L \ 12345 = 4.0914911$$

Its quotient by 3

$$= 1.3638304 = L \ 23.11162$$

Hence

$$\sqrt[3]{12345} = 23.11162$$

2. Find the fourth root of .0076542.

$$L \ .0076542 = \bar{3}.8838998$$

Its quotient by 4 (by 12)

$$= \bar{1}.4709749 = L \ .295784$$

Hence

$$\sqrt[4]{.0076542} = .295784$$

(18) TO FIND THE VALUE OF x IN THE EQUATION $a^x = b$.

By (1, c) we have $x \text{ Log. } a = \text{Log. } b$.

$$\therefore x = \log. b \div \log. a$$

Let $a = 40$, and $b = 10$

$$\text{Then } x = \frac{1.0000000}{1.6020600} = .6241964$$

* $\Delta. C.$ is a contraction for arithmetical complement.

Next,

$$\text{let } a = 8 \text{ and } b = 3.1416$$

$$\begin{aligned} \text{Then } x &= \frac{\text{Log } 3.1416}{\text{Log } 8} = \frac{0.4971509}{1.9030900} \\ &= \frac{0.4971509}{-0.0969100} \\ &= -\frac{4971509}{969100} = -\frac{4971509}{969100} \\ &= -5.130027 \end{aligned}$$

In this latter case we have to change the divisor 1.9030900 into -0.0969100 before the division can be conveniently performed.

(19) TO FIND THE AMOUNT AND PRESENT VALUE OF A SUM OF MONEY AT COMPOUND INTEREST BY LOGARITHMS.

Let p = the principal,

a = amount,

t = time or number of payments of interest,

r = interest of £1 for one period,

$(1 + r) = R$ = amount of £1 for one period.

$$\text{Then} \quad a = p R \quad (1)$$

which by taking the logarithms of both sides becomes

$$\text{Log } a = \log p + t \log R, \quad (2)$$

$$\text{Transposing} \quad \text{Log } p = \log a - t \log R, \quad (3)$$

$$\text{Log } R = \frac{\log a - \log p}{t} \quad (4)$$

$$t = \frac{\log a - \log p}{\log R} \quad (5)$$

$$\text{Also the interest} \quad = a - p = p(R^t - 1) \quad (6)$$

Note.—If in the above formulae p = the present value of a sum a due t periods hence, they are equally true for the present value; t , r and R being the same as above.

When t is large, the logarithm of R , in order to obtain correct results, should be taken with more than seven places of decimals; for which reason the most common values of R , with their logarithms carried to ten decimals, are inserted in the following table.

LOGARITHMS OF R .

R	Logarithm.	R	Logarithm.
1.0025	00108 43813	1.0395	01389 00603
1.0050	00 16 60618	1.0350	01494 03498
1.0075	00394 50548	1.0375	01598 81054
1.0100	0043 13738	1.0400	01703 33323
1.0125	00539 50319	1.0425	01807 60636
1.0150	00616 60129	1.0450	01911 62904
1.0175	00753 44179	1.0475	02015 40316
1.0200	008 0 01718	1.0500	02118 32991
1.0225	00966 33167	1.0525	02223 21645
1.0250	01079 38654	1.0550	02325 24596
1.0275	01178 18305	1.0575	02428 03760
1.0300	01283 72247	1.0600	02530 586 3

EXAMPLE I.

Find the amount and compound interest of £365, 10s., for 19 years at 4½ per cent.

Since the rate per cent. is 4.25, the rate for £1 = $r = .0425$, and $R = 1.0425$, $t = 19$, and $p = 365.5$; then by (2),

$$\begin{aligned}
 t \log. R &= 19 \times .0180760636 = 0.3434452084 \\
 + \log. p &= \log. 365.5 = 2.5628874 \\
 \therefore \log. a &= \log. 805.9954 = 2.9063326 \\
 &\quad \quad \quad 297 \\
 &\quad \quad \quad \hline
 &\quad \quad \quad 2908 \div 54 = 54.
 \end{aligned}$$

Hence the amount = £805, 19s. 11d. +

Also the interest = $a - p$ by (6) = £805, 19s. 11d. - £365, 10s. = £440, 9s. 11d.

EXAMPLE II.

Find the present value of £584, 15s. 6d., due 12 years hence, compound interest at 3½ per cent.

Since the rate per cent. is 3.5, the rate for £1 = $r = .035$, and $R = 1.035$, $t = 12$, and $a = £584.775$; then by (3),

$$\begin{aligned}
 \log. a &= \log. 584.775 = 2.7669888 \\
 - t \log. R &= - 12 \times .0149403498 = 0.1792841976 \\
 \therefore \log. p &= \log. 386.9943 = 2.5877046024 \\
 &\quad \quad \quad 6997 \\
 &\quad \quad \quad \hline
 &\quad \quad \quad 118)49024 \\
 &\quad \quad \quad \hline
 &\quad \quad \quad 43
 \end{aligned}$$

Hence $p = £386, 19s. 10½d. -$

EXAMPLE III.

At what rate per cent. will £365, 10s. amount to £805, 19s. 11d. in 19 years?

Here $a = 805.995$, $p = 365.5$, and $t = 19$; hence by (4),

$$\begin{aligned}
 \log. R &= \frac{\log. a - \log. p}{t} \\
 &= \frac{2.9063324 - 2.5628874}{19} \\
 &= \frac{0.3434450}{19} = .0180761 \text{ nearly} \\
 &= \log. 1.0425 \therefore R = 1.0425
 \end{aligned}$$

Hence

$r = .0425$, and the rate per cent. is therefore
 $= 4.25 = 4\frac{1}{4}$, the rate sought.

EXAMPLE IV.

In what time will £250 amount to £816, 11s. 9½d., at 5 per cent. per annum?

Since $a = 816.5885$, $p = 250$, $R = 1.05$, by (5),

$$\begin{aligned}
 t &= \frac{\log. a - \log. p}{\log. R} = \frac{2.9276723 - 2.3979400}{.0211893} \\
 &= \frac{.5297323}{.0211893} = 25 \text{ years, the time sought.}
 \end{aligned}$$

EXAMPLE V

Find the present value of £3245 due 30 years hence at $4\frac{1}{2}$ per cent., compound interest.

Here $a = 3245$, $R = 1.045$, and $t = 30$, hence by the Note and (8),

$$\begin{aligned}\log p &= \log a - t \log R \\ \text{or } \log p &= \log 3245 - 30 \times \log 1.045 \\ &= 3.5112147 - 5734887120 \\ &= 2.937725989 = \log 866.415 \\ \therefore \text{the present value} &= £866, 8s. 3\frac{1}{2}d. \text{ nearly.}\end{aligned}$$

EXAMPLE VI

The present value of £596 due 12 years hence, compound interest, is £383 3s. 4 $\frac{1}{2}$ d. what is the rate per cent. per annum?

Here $a = 596$, $p = 383.1683$, $t = 12$, hence by the Note and (4),

$$\begin{aligned}\log R &= \frac{\log a - \log p}{t} \\ &= \frac{2.7752163 - 2.5833902}{12} \\ &= \frac{1918570}{12} = .0159880 \\ &= \log 1.0375 = \log R; \\ \therefore R &= 1.0375, \text{ and the rate per cent. is } 3\frac{1}{2}.\end{aligned}$$

(20) TO FIND THE AMOUNT AND PRESENT VALUE OF AN ANNUITY FOR A GIVEN TIME, AT A GIVEN RATE PER CENT. COMPOUND INTEREST

Let p = the annual or periodic payment,

A = the amount of the annuity improved at compound interest to the end of the time,

v = the present value of the annuity,

R = the amount of £1 for one period;

and t = the number of years, or periods of payment.

$$\text{Then} \quad A = p \left(\frac{R^t - 1}{R - 1} \right), \quad (7)$$

$$\text{and} \quad v = \frac{p(R^t - 1)}{R^t(R - 1)} = \frac{1}{R^t} A, \quad (8)$$

$$\therefore \text{also } A = vR^t \quad (9)$$

Hence from (7),

$$\log A = \log p + \log (R^t - 1) - \log r; \quad (10)$$

from (8),

$$\log v = \log p + \log (R^t - 1) - \log. r - t \log R; \quad (11)$$

and from (9),

$$\log A = \log v + t \log R. \quad (12)$$

Transposing (12),

$$\log R = \frac{\log A - \log v}{t}$$

When the change in a number is small, the change in the logarithm is very nearly proportional to the change in the number.

$$\text{Log. } (n + d) - \text{log. } n = \text{log. } \left(\frac{n + d}{n} \right) = \text{log. } \left(1 + \frac{d}{n} \right).$$

By the theory of logarithms, if μ be

$$\frac{1}{\text{log.}_e 10} = \frac{1}{2.30258509} \text{ or } 0.43429448, \text{ Log.}_{10} \left(1 + \frac{d}{n} \right) = \mu \left(\frac{d}{n} - \frac{d^2}{2n^2} + \frac{d^3}{3n^3} - \dots \right)$$

If n be greater than 10,000, and if d be not greater than 1, the value of the second term on the right-hand side of the above equation is not greater than $\frac{0.434}{2 \times 10^5} = .000000002$, while the value of the third term is less than the 10,000th part of this. Therefore if a number be changed from n to $n + d$, the change of logarithm may be expressed as $\frac{0.4d}{n}$.

Thus, the logarithm of 5000 is 3.6959700, and the logarithm of 5001 is, very nearly, $3.6959700 + \frac{1 \times 0.434}{5000} = 3.6990567$, being nearly 2 in error in the 7th decimal place.

But there is not much gained by endeavouring to obtain logarithms to more than 7 places by extending the 7-figure logarithms given in the tables, because the 7th figure there given may be too great or too small to the extent of one-half of unity.

In a calculation of the type $a^n - (a + n)^m$, where a and the index m are large, and where n is small, if a fairly accurate result is desired, it is better to write the argument in the form $\left\{ a^{\frac{m}{2}} + (a + n)^{\frac{m}{2}} \right\} \left\{ a^{\frac{m}{2}} - (a + n)^{\frac{m}{2}} \right\}$, and evaluate it logarithmically.

EXAMPLE.

What is the value of $61^4 - 60^4$?

Twice Log. 61 = 3.5706596, of which the antilog. is 3721

Twice Log. 60 = 3.5563026, " " 3600

Sum of antilogs. = 7321, whose logarithm = 3.8645704

Difference " " = 121, " " = 2.0827854

Hence $61^4 - 60^4 = 885841$, " " = 5.9473558

The above calculation performed in the ordinary way gives :

$4 \times \text{log. } 61 = 7.1413192$, antilog. = 13845837

$4 \times \text{log. } 60 = 7.1126052$, " = 12960006

difference 885831

By ordinary arithmetic the absolutely correct result is 885841.

REDUCTION OF COMMON TO NATURAL LOGARITHMS, AND THE CONVERSE. (PAGE 18^o)

(21) The method of using the tables will be seen from the two following examples

1 Find the natural logarithm corresponding to the common logarithm 0.9542425

Com. Log	Nap. Log
93	2 18745584
42	967086
42	9671
5	113
<u>9542425</u>	<u>2 19722458</u>

2 Find the common logarithm corresponding to the natural logarithm 2.19722456

Nap. Log	Com. Log
2	86858896
19	8251595
72	812692
24	1042
56	24
<u>2.19722456</u>	<u>95424249</u>

or to 7 places = 0.9542425

LOGARITHMIC SINES, TANGENTS, AND SECANTS. (PAGES 183 227)

The logarithmic sines, tangents, &c. are the logarithms of the numbers that express the lengths of these lines for any given arc, supposing the radius of the circle to be 10,000,000,000

(22) TO FIND THE LOGARITHMIC SINE OF AN ARC.

(a) When the arc contains degrees and minutes only

If the number of degrees is under 45 find them at the top of the table, and in the column marked sine at the top, and opposite to the number of minutes in the left-hand column, is the required logarithm

If the number of degrees exceeds 45, and is less than 90, they will be found at the foot of the page, and in the column marked sine at the foot, and opposite to the number of minutes in the right-hand column, will be found the required logarithm

The same rule applies to tangents, cotangents, and all the other trigonometrical quantities.

EXAMPLES.

The log. sine of	36° 24' is	9.7783614
" " secant	36° 50' "	10.0967023
" " cotangent	53° 36' "	9.8676228
" " tangent	53° 40' "	10.1334356

(6) When the arc contains degrees, minutes, and seconds.

Find the logarithm for the number of degrees and minutes as before, and multiply the tabular difference in the difference column next this logarithm by the number of seconds; divide the product by 60, and add the quotient as a proportional part to the preceding logarithm.

If the given quantity is a cosine, cotangent, or cosecant, the proportional part for the seconds must be subtracted from the logarithm for the degrees and minutes.

EXAMPLES.

1. Find the logarithmic tangent of 36° 40' 50".

Log. tan. 36° 40'	=	9.8718486
Proportional part = $2637 \times \frac{10}{60}$	=	2197
Log. tan. 36° 40' 50"	=	9.8720683

2. To find the logarithmic cosecant of 53° 20' 24".

Log. cosec. 53° 20'	=	10.0957589
Prop. part = $940 \times \frac{4}{60}$	=	— 376
Log. cosec. 53° 20' 24"	=	10.0957213

The rule depends on this principle: The tabular difference for any logarithm is the difference between it and the next higher, and therefore is the difference corresponding to 60"; hence if D denote the tabular difference, and d the proportional part to be added for the number of seconds n , then

$$60 : n = D : d, \text{ and } d = \frac{nD}{60}$$

This supposes the differences to be constant, which is nearly the case for several consecutive logarithms.

EXERCISES.

- | | |
|---|-----------------|
| 1. Find the logarithmic sine of 36° 24' 36". | Ans. 9.7784642. |
| 2. Find the logarithmic cotangent of 53° 32' 42". | Ans. 9.8684953. |

(23) TO FIND THE NUMBER OF DEGREES, MINUTES, AND SECONDS CORRESPONDING TO ANY LOGARITHMIC SINE, TANGENT, OR SECANT.

(a) When the logarithm is found in the tables.

The number of degrees will be found at the top or foot of the page, according as the name of the logarithm is at the top or foot of the column, and the minutes are found in the proper column, as in (22).

EXAMPLES

1 The log tan. 9 8673583 corresponds to $36^{\circ} 23'$.

2 The log cos. 9 7776123 corresponds to $53^{\circ} 11'$.

(b) When the given logarithm is not found in the table exactly

Find the next lower logarithm in the proper column, and take the degrees and minutes corresponding to it when it is a sine, tangent, or secant, find the difference between this logarithm and the given one, multiply this difference by 60 and divide by the tabular difference, and the quotient will be the number of seconds required

(c) When the given logarithm is that of a cosine, cotangent, or cosecant, it is to be taken from the next higher logarithm in the table, and the seconds found from the remainder as above

EXAMPLES.

1 Find the degrees, minutes, and seconds corresponding to the logarithmic sine 9 9047423

Next lower $9.9047106 = \log \text{ sine } 53^{\circ} 25'$

Given log 9.9047423

Difference = $\frac{317}{937}$, and tab. diff. = 937.

Hence $n = \frac{317 \times 60}{937} = 20' 8''$

and $9.9047423 = \log \text{ sine } 53^{\circ} 25' 20'' 8$

2 Find the number of degrees, minutes, and seconds corresponding to the logarithmic cosecant 10 2280452

Next higher $10.2281850 = \log \text{ cosec. } 36^{\circ} 15'$

Given log 10.2280452

Difference $\frac{1398}{1722}$, and tab. diff. = 1722

Hence $n = \frac{1398 \times 60}{1722} = 48' 7''$

and $10.2280452 = \log \text{ cosec. } 36^{\circ} 15' 48'' 7$

The rule depends on the proportion in article 22, or

$$D : d = 60 : n \text{ and } n = \frac{60d}{D}$$

EXERCISES

1 Find the degrees, &c. corresponding to the logarithmic tangent 9 8644658.

Ans $36^{\circ} 12' 4'' 6$.

2 Find the degrees, &c. corresponding to the logarithmic cotangent 9 8734523

Ans $53^{\circ} 13' 55''$.

RULES FOR SMALL ARCS.

(24) It should be noted that both the logarithmic and the natural sines and cosecants of angles near 90° vary slowly and nearly regularly, and that, while the logarithmic cosines and secants of such angles vary rapidly and irregularly, their natural cosines and secants vary rapidly but nearly regularly. It therefore follows that both the logarithmic and natural tangents and cotangents of angles near 90° vary rapidly and irregularly

On the other hand, in the case of small angles, the natural and logarithmic cosines vary slowly and regularly, the logarithmic sines vary rapidly and irregularly, while the natural sines vary rapidly and regularly.

Hence in trigonometrical equations where exactitude of solution is desired, a sine formula should not be used if the answer or root is an angle of near 90° ; while if the answer is a small angle, a cosine formula should not be used.

It is evident from the above that when dealing with small angles, say, under 3° , containing fractional portions of a minute, ordinary interpolation by proportional parts will not give exact results, and one or other of the following rules must be used :

(25) TO FIND THE LOGARITHMIC SINE OF A SMALL ARC.

To the logarithm of the arc reduced to seconds add 4.6855749 , and from the sum subtract one-third of its logarithmic secant, the index of the latter logarithm being previously diminished by 10; the remainder is the required logarithmic sine.

EXAMPLE.

Find the logarithmic sine of $1^\circ 44' 36''.8$.

$$a = 1^\circ 44' 36''.8 = 6276''.8, \text{ and its log.} = 3.7977383$$

$$\text{Constant number} = 4.6855749$$

$$\hline 8.4833132$$

$$- \frac{1}{3} (\text{Log. sec. } a - 10) = \frac{1}{3} \times .0002011 = 0.0000670$$

$$\text{Hence log. sine of } 1^\circ 44' 36''.8 = 8.4832462$$

This may also be determined by the use of natural sines, thus :

$$\text{Sine } 1^\circ 44' = 0.0302478$$

$$\text{Proportional part} = 2907 \times \frac{36.8}{60} = 1783$$

$$\hline 0.0304261$$

$$\begin{aligned} \text{Hence log. sine } 1^\circ 44' 36''.8 &= \text{log. } 0.0304261 \\ &= 8.4832463 \end{aligned}$$

(26) TO FIND THE LOGARITHMIC TANGENT OF A SMALL ARC.

To the logarithm of the arc reduced to seconds add 4.6855749 , and two-thirds of the logarithmic secant, the index of the latter logarithm being previously diminished by 10; the sum is the required logarithmic tangent.

EXAMPLE.

Find the logarithmic tangent of $1^\circ 44' 36''.8$.

$$a = 1^\circ 44' 36''.8 = 6276''.8, \text{ and its log.} = 3.7977383$$

$$\text{Constant number} = 4.6855749$$

$$\hline 8.4833132$$

$$+ \frac{2}{3} (\text{Log. sec. } a - 10) = \frac{2}{3} \times .0002011 = 0.0001341$$

$$\text{Hence log. tangent of } 1^\circ 44' 36''.8 = 8.4834473$$

(27) TO FIND A SMALL ARC OF WHICH THE LOGARITHMIC SINE IS GIVEN

To the given logarithmic sine add 5 3144251 and one third of the corresponding logarithmic secant, the index of the latter logarithm being previously diminished by 10, the sum is the logarithm of the number of seconds in the arc.

EXAMPLE

Find the arc corresponding to the logarithmic sine 8 4832462

The arc is found in the ordinary way to be $1^{\circ} 44' 36''$, and the logarithmic secant of this arc is 10 0002011 hence

Given log sine	=	8 4832462
Constant number	=	5 3144251
$\frac{1}{3}$ (Log sec. - 10)	=	0 0000670
L 6276 8	=	3 7977383

Hence $a = 6276\ 8 = 1^{\circ} 44' 36''\ 8$

(28) TO FIND A SMALL ARC OF WHICH THE LOGARITHMIC TANGENT IS GIVEN

To the given logarithmic tangent add 5 3144251 and from this sum subtract two thirds of the corresponding logarithmic secant previously diminishing its index by 10, the remainder is the logarithm of the number of seconds in the arc

EXAMPLE

The logarithmic tangent of a small arc is 8 4834473, required the arc

It is found in the usual way that the arc is nearly $1^{\circ} 44' 36''$, and its log secant = 10 0002011

Given log tangent	=	8 4834473
Constant number	=	5 3144251
		3 7978721
$-\frac{2}{3}$ (Log sec. - 10)	=	0 0001341
L 6276 8	=	3 7977383

Hence $a = 6276\ 8 = 1^{\circ} 44' 36''\ 8$

CIRCULAR MEASURE OF ANGLES OR RADIANs

ARCS TO RADIUS = 1 (PAGES 228 239)

(33) TO FIND THE CIRCULAR MEASURE OF AN ARC THE ANGULAR MEASURE OF WHICH IS GIVEN, AND CONVERSELY

(a) Find the degrees in the arc at the top of the page and the minutes at the left-hand side then under the degrees and opposite the minutes is the length sought but if the angle contain seconds to this result add the number opposite the seconds on the right hand side of the page and the sum will be the length sought

(b) Conversely When the length or circular measure is given find the given length in the table, then the degrees at the top and the

minutes at the left-hand side give the angular measure sought when the length is found in the table exactly; but if the length is not found exactly in the table, take the degrees and minutes corresponding to the next less arc, and subtract this next less arc from the given one, and opposite the remainder on the right-hand side of the page will be found the seconds in the arc.

This table provides a rapid and exact means of converting angles from circular measure to degrees, minutes, and seconds, and conversely.

It is obvious that the parts for seconds of arc, tabulated at the right-hand side of the pages, are uniformly applicable to any angle, irrespective of its magnitude.

The table is specially useful in railway surveying, because the length of any circular curve can be found almost by inspection, if the radius and the central angle θ be given.

EXAMPLE.

The angle of deviation formed by two straights of a railway is $10^{\circ} 50' 20''$. The straights are to be connected by a curve of radius 4000 feet. What is the length of the curve?

Circular measure of $10^{\circ} 50'$	= 0.1890773
Difference for $20''$	= 0.0000970
	<u>0.1891743</u>
Radius	= <u>4000</u>
Length of curve	= 756.7 feet

NATURAL SINES, COSINES, VERSED SINES, AND CHORDS. (PAGES 240-284.)

(34) The natural sines, cosines, versed sines, chords, &c., contained in this table, are the lengths of these functions of arcs of a circle whose radius ≈ 1 . They are all decimal fractions, though the point is not prefixed except where they are equal to or greater than 1, in which case the point is inserted. Or, they are the lengths of the same functions, in integers, to radius = 10,000,000.

The natural sines and cosines of arcs, also the arcs for any given natural sines or cosines, are found from the table by the same method as that used for logarithmic sines and cosines.

The natural sines and cosines of arcs are easily found from the logarithmic sines and cosines, by merely subtracting 10 from the indices of the latter, and then the number corresponding to this logarithm is the natural sine or cosine required. In the same manner the natural tangents, secants, &c. can be found.

Let s = the natural sine of an arc,
and S = the sine of the same arc, whose logarithm is
the logarithmic sine;

then $S = 10,000,000,000 s$

and $LS = 10 + Ls$

or $Ls = LS - 10$.

EXAMPLE

Given the logarithmic sine of $36^{\circ} 44'$, namely, 9 7767676, to find the natural sine of the same arc.

$$\begin{array}{rcl}
 \text{L sine } 36^{\circ} 44' & = & 9\ 7767676 \\
 \text{Subtract} & & 10 \\
 \text{L nat. sine} & = & \overline{1}\ 7767676 \\
 \text{Hence natural sine} & = & 5950015
 \end{array}$$

If the chord of an arc greater than 90° be required, take *twice* the natural sine of *half* that arc, and it will be the chord required. Or, let c = the chord of its supplement, then the square root of $(2+c)(2-c)$ = the required chord, i.e. the chord sought = $\sqrt{4-c^2}$.

Note—This table can be used for finding the length of a degree of longitude corresponding to any given latitude; thus, multiply the natural cosine of the given latitude by 60, and the product will be the length of a degree of longitude in geographical or nautical miles; or multiply the same by 69 121, and the product will be the length in English miles, the earth being considered as a sphere of radius 3960 miles.

The table of chords is convenient for finding the lengths of the chords required in setting out railway and other curves.

EXAMPLE

What is the chordal distance between two points 250 ft apart along a curve of 700 ft radius?

θ , the central angle, is $\frac{250}{700}$, or 0 3571, which, by table, p. 261, is $20^{\circ} 27' 30''$, the chord of which, by table, is 0 3551. $0\ 3551 \times 700 = 248\ 57$ ft the chordal length required.

The table of chords is also useful in setting out angles, either on paper, or in the field by chain only. The versines are useful in reducing chainages taken on the slope, with a 'long' or 'compound' chain, to their horizontal equivalents.

EXAMPLE.

Find the horizontal equivalent of 463 7 ft measured on a slope of $3^{\circ} 46'$.

$$\begin{aligned}
 \text{Horizontal correction} &= 463\ 7 (1 - \cos 3^{\circ} 46') \\
 &= 463\ 7 \times \text{versine } 3^{\circ} 46' \\
 &= 463\ 7 \times 0\ 002 \\
 &= 0\ 9
 \end{aligned}$$

Therefore horizontal distance = 462 8 ft.

NATURAL TANGENTS AND COTANGENTS, SECANTS AND COSECANTS (PAGES 285-310)

(35) This table is used in the same manner as the table of natural sines and cosines, namely, the degrees are found at the top of the page,

and the minutes of the angle at the left-hand side of the page, when the quantity sought is a *tangent* or *secant*; but the degrees must be found at the bottom of the page, and the minutes at the right-hand side of the page, when the quantity sought is a *cotangent* or *cosecant*; the quantity sought will then be found at the angle of intersection of these columns, or it is the only quantity which is common to both columns.

If the given angle contain seconds, find the difference between the quantity corresponding to the minutes in the given angle, and that corresponding to the next higher minute, which will give the change for $1' = 60''$, which call D , and let d be the correction corresponding to the seconds in the given angle, which call s ; then

$$60'' : s'' :: D : d$$

$$\therefore d = \frac{sD}{60} = \text{the correction sought.}$$

This correction must be applied by *addition* if the quantity sought be a *tangent* or *secant*, but by *subtraction* if it be a *cotangent* or *cosecant*.

If the angle be sought which corresponds to a given *tangent* or *secant*, *cotangent* or *cosecant*, find the next less, if it be not found exactly in the table, when the given quantity is a *tangent* or *secant*, but the next greater when it is a *cotangent* or *cosecant*, and take the difference between it and the given quantity, which call d ; also take the difference between this tabular quantity and that corresponding to the next higher minute, which call D ; then

$$D : d :: 60'' : s \text{ (the seconds sought),}$$

$$\therefore s = \frac{60 d}{D}$$

EXAMPLE I.

Find the natural tangent of $42^\circ 17' 43''$.

Natural tangent of $42^\circ 17'$	=	·9093984+
" " $42^\circ 18'$	=	·9099300
Difference for $60'' = D$	=	5316
$d = \frac{43 D}{60} = \frac{43 \times 5316}{60}$	=	3810+
\therefore natural tangent $42^\circ 17' 43''$	=	·9097794

EXAMPLE II.

Find the natural cotangent of $42^\circ 17' 43''$.

Natural cotangent of $42^\circ 17'$	=	1·0996281+
" " $42^\circ 18'$	=	1·0989857
Difference for $60'' = D$	=	6424
$d = \frac{43 D}{60} = \frac{43 \times 6424}{60}$	=	4604-
\therefore natural cotangent $42^\circ 17' 43''$	=	1·0991677

EXAMPLE III

Find the angle whose natural tangent is 7342856.

Given natural tangent	=	7342856
Natural tangent 36° 17'	=	<u>7341253</u>
. <i>d</i>	=	1603
Also natural tangent 36° 18'	=	<u>7345730</u>
. <i>D</i>	=	4477

$$\text{But } s = \frac{60 d}{D} = \frac{60 \times 1603}{4477} = \frac{96180}{4477} = 21'' 5$$

Hence 7342856 = natural tangent of 36° 17' 21'' 5

EXAMPLE IV

Find the angle whose natural cotangent is 2 1583764

Given natural cotangent	=	2 1583764
Natural cotangent of 24° 51'	=	<u>2 1592476</u>
. <i>d</i>	=	8712
Also natural cotangent of 24° 52'	=	<u>2 1576015</u>
. <i>D</i>	=	16461

$$\text{But } s = \frac{60 \times d}{D} = \frac{60 \times 8712}{16461} = \frac{522720}{16461} = 31' 8''$$

Hence 2 1583764 = natural cotangent of 24° 51' 31'' 8

(33) The calculations for the secants and cosecants, where the angle involves seconds, is the same as those given above for tangents and cotangents.

These tables are specially useful in settling out the angle points, and in finding the lengths of the sides of parallel sided strips of land, such as road or railway reserves, which in newly settled countries are generally of uniform widths of some even integer of chains, or feet.

EXAMPLE

The whole circle bearings and the distances along the centre lines of part of a road reserve 100 ft wide are A to B, 60° 17', 638 6, B to C, 99° 41', 847 6, C to D, 46° 26', 222 9. What are the respective bearings and distances from B and C to the angle points of the road and what are the lengths of those sides of the road which are parallel to BC?

240° 17' B to A

99° 41' B to C

140° 36' = angle ABC

$$70^\circ 18' = \text{half angle} \quad \left\{ \begin{array}{l} \text{natural cotangent} \times \frac{100}{2} = 17.9 \\ \text{natural cosecant} \times \frac{100}{2} = 53.1 \end{array} \right.$$

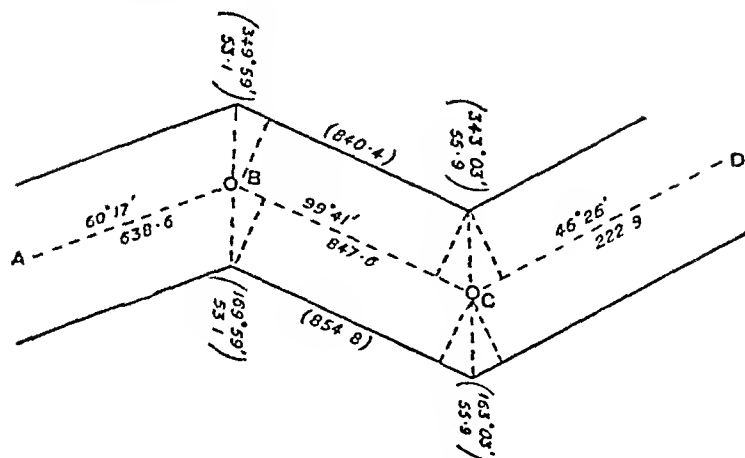
169° 59' is the sum of the half angle and the bearing of BC, and is the bearing of the line from B to the roadside angle point.

(Check 169° 59' + 70° 18' = 240° 17')

226° 26' D to C

99° 41' B to C

126° 45' = angle BCD



$$63^{\circ} 22' 30'' = \text{half angle} \begin{cases} \text{natural cotangent} \times \frac{100}{2} = 25.1 \\ \text{natural cosecant} \times \frac{100}{2} = 55.9 \end{cases}$$

99° 41'

163° 3' 30'' = bearing

(Check: 163° 3' 30'' + 63° 22' 30'' = 226° 26'.)

The bearings and distances from B to the angle points, are

349° 59', 63.1

169° 59', 63.1

and the similar bearings and distances from C are

343° 3' 30'', 55.9

163° 3' 30'', 55.9

The northern roadside parallel to BC is

847.6 + 17.9 - 25.1 = 840.4

The southern roadside parallel to BC is

847.6 - 17.9 + 25.1 = 854.8

No	0	1	2	3	4	5	6	7	8	9	Diff
1000	0000000	0434	0869	1303	1737	2171	2605	3039	3473	3907	
01	4341	4775	5203	5642	6076	6510	6943	7377	7810	8244	
02	8677	9111	9544	9977	0411	0844	1277	1710	2142	2576	433
03	0013009	3442	3875	4308	4741	5174	5607	6039	6472	6905	1 43
04	7337	7770	8202	8635	9067	9499	9932	0364	0796	1228	2 43
05	0021661	2033	2525	2957	3369	3821	4253	4685	5116	5548	3 43
06	5980	6411	6843	7275	7706	8138	8569	9001	9432	9863	4 43
07	0030295	0726	1157	1586	2019	2451	2882	3313	3744	4174	5 43
08	4605	5036	5467	5898	6329	67 9	7190	7620	8051	8481	6 43
09	8912	9342	9772	0203	0633	1063	1493	1924	2354	2784	7 43
10	0043214	3644	4074	4504	4933	5363	5793	6223	6652	7082	8 43
1011	7512	7941	8371	8800	9229	9659	0088	0517	0947	1376	9 43
12	0051805	2234	2663	3092	3521	3950	4379	4808	5237	5666	1 44
13	6094	6523	6952	7380	7609	8238	8666	9094	9523	9951	2 44
14	0060380	0808	1236	1664	2092	2521	2949	3377	3805	4233	3 44
15	4660	5088	5516	5944	6372	6799	7227	7655	8082	8510	4 44
16	8937	9385	9792	0219	0647	1074	1501	1928	2355	2782	5 44
17	0073210	3637	4064	4490	4917	5344	5771	6198	6624	7051	6 44
18	7478	7904	8331	8757	9184	8610	9037	9463	9889	1316	7 44
19	0081742	2168	2594	3020	3446	3872	4298	4724	5150	5576	8 44
20	8002	8427	8853	9279	9704	8130	8556	8981	9407	9832	9 44
1021	0090257	0683	1108	1533	1959	2384	2809	3234	3659	4084	1 45
22	4509	4934	5359	5784	6208	6633	7058	7483	7907	8332	2 45
23	6758	7181	7605	8030	8454	8878	9303	9727	10151	10575	3 45
24	0103000	3424	3848	4272	4696	5120	5544	5967	6391	6815	4 45
25	7239	7662	8086	8510	8933	9357	9780	10204	10627	11050	5 45
26	0111474	1697	2320	2743	3166	3590	4013	4436	4859	5282	6 45
27	5704	6127	6550	6973	7396	7819	8241	8664	9086	9509	7 45
28	9931	0354	0776	1198	1621	2043	2465	2887	3309	3732	8 45
29	0124154	4576	4998	5420	5842	6264	6685	7107	7529	7951	9 45
30	6372	6794	7215	7637	8059	8480	8901	9323	9744	10165	
1031	0132587	3008	3429	3850	4271	4692	5113	5534	5955	6376	1 46
32	6797	7218	7639	8059	8480	8901	9321	9742	10162	10583	2 46
33	0141003	1424	1844	2264	2685	3105	3525	3945	4365	4785	3 46
34	5205	5625	6045	6465	6885	7305	7725	8144	8564	8984	4 46
35	9403	9823	0243	0662	1082	1501	1920	2340	2759	3178	5 46
36	0153598	4017	4436	4855	5274	5693	6112	6531	6950	7369	6 46
37	7788	8206	8625	9044	9462	9881	0300	0718	1137	1555	7 46
38	0161974	2392	2810	3229	3647	4065	4483	4901	5319	5737	8 46
39	6155	6573	6991	7409	7827	8245	8663	9080	9498	9916	9 46
40	0170333	0751	1168	1586	2003	2421	2838	3256	3673	4090	
1041	4507	4924	5342	5759	6176	6593	7010	7427	7844	8260	1 47
42	8677	9094	9511	9927	0344	0761	1177	1594	2010	2427	2 47
43	0182843	3259	3676	4092	4508	4925	5341	5757	6173	6589	3 47
44	7005	7421	7837	8253	8669	9084	9500	9916	10332	10747	4 47
45	0191183	1578	1994	2410	2825	3240	3656	4071	4486	4902	5 47
46	5317	5732	6147	6562	6977	7392	7807	8222	8637	9052	6 47
47	9467	9882	0298	0711	1126	1540	1955	2369	2784	3198	7 47
48	0203613	4027	4442	4856	5270	5684	6099	6513	6927	7341	8 47
49	7755	8169	8583	8997	9411	9824	0238	0652	1066	1479	9 47
1050	0211893	2307	2720	3134	3547	3961	4374	4787	5201	5614	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1050	021 1893	2307	2720	3134	3547	3961	4374	4787	5201	5614	
51	6027	6440	6854	7267	7680	8093	8506	8919	9332	9745	
52	022 0157	0570	0983	1396	1808	2221	2634	3046	3459	3871	
53	4284	4696	5109	5521	5933	6345	6758	7170	7582	7994	412
54	8406	8818	9230	9642	0054	0466	0878	1289	1701	2113	1 41
55	023 2525	2936	3348	3759	4171	4582	4994	5405	5817	6228	2 52
56	6639	7050	7462	7873	8284	8695	9106	9517	9928	0339	3 63
57	024 0750	1161	1572	1982	2393	2804	3214	3625	4036	4446	4 74
58	4857	5267	5678	6088	6498	6909	7319	7729	8139	8549	5 85
59	8960	9370	9780	0190	0600	1010	1419	1829	2239	2649	6 96
60	025 3059	3468	3878	4288	4697	5107	5516	5926	6335	6744	7 07
1061	7154	7563	7972	8382	8791	9200	9609	0018	0427	0836	8 18
62	026 1245	1654	2063	2472	2881	3289	3698	4107	4515	4924	9 29
63	5333	5741	6150	6558	6967	7375	7783	8192	8600	9008	10 40
64	9416	9824	0233	0641	1049	1457	1865	2273	2680	3088	11 51
65	027 3496	3904	4312	4719	5127	5535	5942	6350	6757	7165	12 62
66	7572	7979	8387	8794	9201	9609	0016	0423	0830	1237	13 73
67	028 1644	2051	2458	2865	3272	3679	4086	4492	4899	5306	14 84
68	5713	6119	6526	6932	7339	7745	8152	8558	8964	9371	15 95
69	9777	0183	0590	0996	1402	1808	2214	2620	3026	3432	16 06
70	029 3838	4244	4649	5055	5461	5867	6272	6678	7084	7489	17 17
1071	7895	8300	8706	9111	9516	9922	0327	0732	1138	1543	18 28
72	030 1948	2353	2758	3163	3568	3973	4378	4783	5188	5592	19 39
73	5997	6402	6807	7211	7616	8020	8425	8830	9234	9638	20 50
74	031 0043	0447	0851	1256	1660	2064	2468	2872	3277	3681	21 61
75	4085	4489	4893	5296	5700	6104	6508	6912	7315	7719	22 72
76	8123	8526	8930	9333	9737	0140	0544	0947	1350	1754	23 83
77	032 2157	2560	2963	3367	3770	4173	4576	4979	5382	5785	24 94
78	6188	6590	6993	7396	7799	8201	8604	9007	9409	9812	25 05
79	033 0214	0617	1019	1422	1824	2226	2629	3031	3433	3835	26 16
80	4238	4640	5042	5444	5846	6248	6650	7052	7453	7855	27 27
1081	8257	8659	9060	9462	9864	0265	0667	1068	1470	1871	28 38
82	034 2273	2674	3075	3477	3878	4279	4680	5081	5482	5884	29 49
83	6235	6636	7037	7438	7838	8239	8639	9039	9439	9839	30 60
84	035 0293	0693	1094	1495	1895	2296	2696	3096	3497	3897	31 71
85	4297	4698	5098	5498	5898	6298	6698	7098	7498	7898	32 82
86	8298	8698	9098	9498	9898	0297	0697	1097	1496	1896	33 93
87	036 2295	2695	3094	3494	3893	4293	4692	5091	5491	5890	34 04
88	6289	6688	7087	7486	7885	8284	8683	9082	9481	9880	35 15
89	037 0279	0678	1076	1475	1874	2272	2671	3070	3468	3867	36 26
90	4265	4663	5062	5460	5858	6257	6655	7053	7451	7849	37 37
1091	8218	8616	9014	9412	9809	0207	0605	1003	1401	1800	38 48
92	038 2226	2624	3022	3419	3817	4214	4612	5009	5407	5804	39 59
93	6202	6599	6996	7393	7791	8188	8585	8982	9379	9776	40 70
94	039 0173	0570	0967	1364	1761	2158	2554	2951	3348	3745	41 81
95	4141	4538	4934	5331	5727	6124	6520	6917	7313	7709	42 92
96	8106	8502	8898	9294	9690	0086	0482	0878	1274	1670	43 03
97	040 2066	2462	2858	3254	3650	4045	4441	4837	5232	5628	44 14
98	6023	6419	6814	7210	7605	8001	8396	8791	9187	9582	45 25
99	9977	0372	0767	1162	1557	1952	2347	2742	3137	3532	46 36
1100	041 3927	4322	4716	5111	5506	5900	6295	6690	7084	7479	

No.	0	1	2	3	4	5	6	7	8	9	Diff
1100	041 3927	4322	4718	5111	5505	5900	6295	6690	7084	7479	304
01	7873	8268	8662	9056	9451	9845	0239	0633	1028	1422	1 30
02	042 1816	2210	2604	2998	3392	3788	4180	4574	4968	5361	2 30
03	5755	6149	6543	6936	7330	7723	8117	8510	8904	9297	3 30
04	9691	0084	0477	0871	1264	1657	2050	2444	2837	3230	4 30
05	043 3623	4016	4409	4802	5195	5587	5980	6373	6766	7159	5 30
06	7551	7944	8337	8729	9122	9514	9907	0299	0692	1084	6 30
07	044 1476	1869	2261	2653	3045	3437	3829	4222	4614	5005	7 30
08	5338	5730	6121	6513	6905	7297	7689	8081	8472	8864	8 30
09	9315	9707	0099	0490	0882	1273	1664	2056	2447	2839	9 30
10	045 3230	3621	4012	4403	4795	5186	5577	5968	6359	6750	1 30
1111	7141	7531	7922	8313	8704	9095	9485	9876	0267	0657	2 30
12	046 1048	1438	1829	2219	2610	3000	3391	3781	4171	4561	3 30
13	4952	5342	5732	6122	6512	6902	7292	7682	8072	8462	4 30
14	8852	9242	9632	0021	0411	0801	1190	1580	1970	2359	5 30
15	047 2749	3138	3528	3917	4306	4695	5085	5474	5864	6253	6 30
16	6642	7031	7420	7809	8196	8587	8978	9365	9754	0143	7 30
17	048 0532	0921	1309	1698	2087	2475	2864	3253	3641	4030	8 30
18	4418	4808	5195	5583	5972	6360	6748	7136	7525	7913	9 30
19	8301	8689	9077	9465	9853	0241	0629	1017	1405	1792	1 30
20	049 2180	2568	2955	3343	3731	4119	4506	4894	5281	5669	2 30
1121	6056	6444	6831	7218	7606	7993	8380	8767	9154	9541	3 30
22	9029	9416	9803	0190	0577	0963	1350	1737	2124	2511	4 30
23	050 3796	4184	4571	4958	5344	5731	6117	6504	6890	7277	5 30
24	7063	7449	7836	8222	8608	8995	9381	9767	0153	0539	6 30
25	051 1523	1911	2297	2683	3069	3455	3841	4227	4612	4998	7 30
26	5334	5720	6105	6491	6875	7261	7647	8032	8417	8802	8 30
27	9239	9624	0010	0395	0780	1166	1551	1936	2321	2706	9 30
28	052 3091	3476	3861	4246	4631	5016	5400	5785	6170	6555	1 30
29	5939	6324	6709	7093	7478	7862	8247	8631	9016	9400	2 30
30	053 0784	1169	1553	1937	2321	2706	3090	3474	3858	4242	3 30
1131	4626	5010	5394	5778	6162	6546	6929	7313	7697	8081	4 30
32	8404	8788	9172	9556	9940	0324	0708	1092	1476	1860	5 30
33	054 2299	2683	3066	3449	3832	4215	4598	4981	5365	5748	6 30
34	6131	6514	6896	7279	7662	8045	8428	8811	9193	9576	7 30
35	9559	0341	0724	1106	1488	1871	2254	2636	3019	3401	8 30
36	055 3783	4166	4548	4930	5312	5694	6077	6459	6841	7223	9 30
37	7605	7987	8369	8750	9132	9514	9896	0278	0659	1041	1 30
38	056 1423	1804	2186	2567	2949	3330	3712	4093	4475	4856	2 30
39	5237	5619	6000	6381	6762	7143	7524	7905	8287	8668	3 30
40	9049	9429	9810	0191	0572	0953	1334	1714	2095	2476	4 30
1141	057 2856	3237	3618	3998	4379	4759	5140	5520	5900	6281	5 30
42	6661	7041	7422	7802	8182	8562	8942	9322	9702	0082	6 30
43	058 0462	0842	1223	1602	1982	2362	2741	3121	3501	3881	7 30
44	4260	4640	5019	5399	5778	6158	6537	6917	7296	7676	8 30
45	8055	8434	8813	9193	9572	9951	0330	0709	1088	1467	9 30
46	059 1846	2225	2604	2983	3362	3741	4119	4498	4877	5256	1 30
47	5034	5413	5791	6170	6549	6927	7306	7685	8064	8443	2 30
48	9419	9797	0175	0554	0933	1310	1688	2066	2444	2822	3 30
49	060 3200	3578	3956	4334	4712	5090	5468	5845	6223	6601	4 30
1150	6978	7356	7734	8112	8489	8865	9244	9621	9999	0376	5 30
061											

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1150	0606078	7356	7734	8111	8489	8866	9244	9621	9999	0376	
51	0610753	1131	1508	1885	2262	2639	3017	3394	3771	4148	
52	4525	4902	5279	5656	6032	6409	6786	7163	7540	7916	376
53	8293	8670	9046	9423	9799	0176	0552	0929	1305	1682	1 38
54	0622058	2434	2811	3187	3563	3939	4316	4692	5068	5444	2 75
55	5820	6196	6572	6948	7324	7699	8075	8451	8827	9203	3 113
56	9578	9954	0330	0705	1081	1456	1832	2207	2583	2958	4 150
57	0633334	3709	4084	4460	4835	5210	5585	5960	6335	6711	5 188
58	7086	7461	7836	8211	8585	8960	9335	9710	0085	0460	6 226
59	0640834	1209	1584	1958	2333	2708	3082	3457	3831	4205	7 263
60	4580	4954	5329	5703	6077	6451	6826	7200	7574	7948	8 301
1161	8322	8696	9070	9444	9818	0192	0566	0940	1314	1688	9 338
62	0652061	2435	2809	3182	3556	3930	4303	4677	5050	5424	
63	5797	6171	6544	6917	7291	7664	8037	8410	8784	9157	373
64	9530	9903	0276	0649	1022	1395	1768	2141	2514	2886	1 37
65	0663259	3632	4005	4377	4750	5123	5495	5868	6241	6613	2 75
66	6986	7358	7730	8103	8475	8847	9220	9592	9964	0336	3 112
67	0670709	1081	1453	1825	2197	2569	2941	3313	3685	4057	4 149
68	4428	4800	5172	5544	5915	6287	6659	7030	7402	7774	5 187
69	8145	8517	8888	9259	9631	0002	0374	0745	1116	1487	6 224
70	0681859	2230	2601	2972	3343	3714	4085	4456	4827	5198	7 261
1171	5569	5940	6311	6681	7052	7423	7794	8164	8535	8906	8 298
72	9276	9647	0017	0388	0759	1129	1499	1869	2240	2610	9 336
73	0692980	3350	3721	4091	4461	4831	5201	5571	5941	6311	370
74	6681	7051	7421	7791	8160	8530	8900	9270	9639	0009	1 37
75	0700379	0748	1118	1487	1857	2226	2596	2965	3335	3704	2 74
76	4073	4442	4812	5181	5550	5919	6288	6658	7027	7396	3 111
77	7765	8134	8503	8871	9240	9609	9978	0347	0715	1084	4 148
78	0711453	1822	2190	2559	2927	3296	3664	4033	4401	4770	5 185
79	5138	5506	5875	6243	6611	6979	7348	7716	8084	8452	6 222
80	8820	9188	9556	9924	0292	0660	1028	1396	1763	2131	7 259
1181	0722499	2867	3234	3602	3970	4337	4705	5072	5440	5807	8 296
82	6175	6542	6910	7277	7644	8011	8379	8746	9113	9480	9 333
83	9847	0215	0582	0949	1316	1683	2050	2416	2783	3150	367
84	0733517	3884	4251	4617	4984	5351	5717	6084	6450	6817	1 37
85	7184	7550	7916	8283	8649	9016	9382	9748	0114	0481	2 73
86	0740847	1213	1579	1945	2311	2677	3043	3409	3775	4141	3 110
87	4507	4873	5239	5605	5970	6336	6702	7068	7433	7799	4 147
88	8164	8530	8895	9261	9626	9992	0357	0723	1088	1453	5 184
89	0751819	2184	2549	2914	3279	3644	4010	4375	4740	5105	6 220
90	5470	5835	6199	6564	6929	7294	7659	8024	8388	8753	7 257
1191	9118	9482	9847	0211	0576	0940	1305	1669	2034	2398	8 294
92	0762763	3127	3491	3855	4220	4584	4948	5312	5676	6040	9 330
93	6404	6768	7132	7496	7860	8224	8588	8952	9316	9680	366
94	0770043	0407	0771	1134	1498	1862	2225	2589	2952	3316	1 36
95	8679	4042	4406	4769	5133	5496	5859	6222	6585	6949	2 72
96	7312	7675	8038	8401	8764	9127	9490	9853	0216	0579	3 109
97	0780942	1304	1667	2030	2393	2755	3118	3480	3843	4206	4 145
98	4568	4931	5293	5656	6018	6380	6743	7105	7467	7830	5 182
99	8192	8554	8916	9278	9640	0003	0365	0727	1089	1451	6 218
1200	0791812	2174	2536	2898	3260	3622	3983	4345	4707	5068	7 255
											8 291
											9 328

No.	0	1	2	3	4	5	6	7	8	9	Diff.	
1200	070	1812	2174	2536	2898	3260	3622	3983	4345	4707	5068	
01		5430	5792	6153	6516	6876	7239	7600	7961	8322	8683	861
02		9043	9406	9767	10128	10490	10851	11212	11573	11934	12295	1 38
03	080	2656	3017	3378	3738	4100	4461	4822	5183	5543	5904	2 72
04		6265	6626	6986	7347	7707	8068	8428	8789	9150	9510	3 106
05		9870	10231	10591	10952	11312	11672	12032	12393	12753	13113	4 144
06												5 181
07	081	3473	3833	4193	4553	4913	5273	5633	5993	6353	6713	6 217
08		7073	7433	7793	8152	8512	8871	9231	9591	9950	10310	7 253
09	082	1069	1029	1388	1748	2107	2467	2826	3185	3545	3904	8 289
10		4203	4522	4981	5341	5700	6059	6418	6777	7136	7495	9 325
		7854	8213	8571	8930	9289	9648	10007	10365	10724	11083	10 358
1211	083	1441	1800	2159	2517	2876	3234	3593	3951	4309	4668	1 36
12		5026	5385	5743	6101	6459	6817	7176	7534	7892	8250	2 72
13		8608	8966	9324	9682	10040	10398	10756	11114	11471	11829	3 107
14	084	2187	2545	2902	3260	3618	3976	4333	4690	5048	5405	4 143
15		5763	6120	6478	6835	7192	7550	7907	8264	8621	8978	5 179
16		9336	9693	10050	10407	10764	11121	11478	11835	12192	12549	6 215
17	085	2906	3263	3619	3976	4333	4690	5046	5403	5760	6116	7 251
18		6473	6829	7186	7542	7899	8255	8612	8968	9324	9681	8 287
19	086	1037	1093	1149	1205	1261	1317	1373	1429	1485	1541	9 323
20		3598	3954	4310	4666	5022	5378	5734	6090	6445	6801	
1231		7157	7512	7867	8221	8575	8930	9284	9638	10001	10355	1 36
22	087	1071	1423	1778	2133	2489	2843	3197	3551	3905	4259	2 71
23		4265	4620	4975	5330	5685	6040	6395	6750	7104	7459	3 107
24		7814	8169	8523	8877	9231	9586	9940	10294	10648	11002	4 143
25	088	1361	1715	2070	2424	2779	3133	3488	3842	4196	4550	5 178
26		4965	5320	5674	6028	6382	6736	7090	7444	7798	8152	6 214
27		8140	8494	8848	9202	9556	9910	10264	10618	10972	11326	7 250
28	089	1934	2287	2641	2995	3349	3703	4057	4411	4765	5119	8 286
29		5516	5870	6224	6578	6932	7286	7640	7994	8348	8702	9 322
30		9051	9404	9757	10110	10463	10816	11169	11522	11875	12228	
1231	090	2381	2733	3086	3439	3791	4144	4497	4850	5203	5555	1 35
32		6107	6460	6812	7164	7517	7869	8222	8574	8926	9279	2 70
33		9631	9983	10335	10687	11039	11391	11743	12095	12447	12800	3 106
34	091	3152	3504	3855	4207	4559	4911	5263	5614	5966	6318	4 142
35		6670	7021	7373	7724	8076	8427	8779	9130	9482	9833	5 176
36	092	10185	10536	10887	11238	11590	11941	12292	12643	12994	13345	6 211
37		3637	4018	4399	4780	5161	5542	5923	6304	6685	7066	7 246
38		7206	7587	7968	8349	8730	9111	9492	9873	10254	10635	8 282
39	093	10713	11094	11475	11856	12237	12618	12999	13380	13761	14142	9 317
40		4217	4597	4978	5359	5740	6121	6502	6883	7264	7645	
1311		7718	8098	8478	8859	9240	9621	9999	10379	10759	11139	1 34
42	094	1210	1590	1970	2350	2731	3111	3491	3871	4251	4632	2 70
43		4711	5091	5471	5851	6231	6611	6991	7371	7751	8131	3 105
44		8204	8583	8963	9343	9723	10103	10483	10863	11243	11623	4 141
45	095	1604	2042	2391	2740	3089	3437	3786	4135	4483	4832	5 175
46		5180	5529	5877	6226	6574	6923	7271	7620	7968	8316	6 210
47		8665	9013	9361	9709	10057	10405	10753	11101	11449	11797	7 245
48	096	2146	2494	2842	3190	3538	3885	4233	4581	4929	5277	8 281
49		5624	5972	6320	6667	7015	7363	7710	8058	8405	8753	9 316
1250		9100	9448	9795	10142	10490	10837	11184	11531	11879	12226	
097												

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1250	096 9100	9448	9795	0142	0490	0837	1184	1531	1879	2226	
51	097 2573	2920	3267	3614	3962	4309	4656	5003	5349	5696	346
52	6043	6390	6737	7084	7431	7777	8124	8471	8817	9164	1 35
53	9511	9857	0204	0550	0897	1243	1590	1936	2283	2629	2 69
54	098 2975	3322	3668	4014	4360	4707	5053	5399	5745	6091	3 104
55	6437	6783	7129	7475	7821	8167	8513	8859	9205	9551	4 188
56	9896	0242	0588	0934	1279	1625	1971	2316	2662	3007	5 173
57	099 3353	3698	4044	4389	4735	5080	5425	5771	6116	6461	6 208
58	6806	7152	7497	7842	8187	8532	8877	9222	9567	9912	7 242
59	100 0257	0602	0947	1292	1637	1982	2327	2671	3016	3361	8 277
60	3705	4050	4395	4739	5084	5429	5773	6118	6462	6806	9 311
1261	7151	7495	7840	8184	8528	8873	9217	9561	9905	0249	
62	101 0594	0938	1282	1626	1970	2314	2658	3002	3346	3690	
63	4034	4377	4721	5065	5409	5752	6096	6440	6784	7127	343
64	7471	7814	8158	8501	8845	9188	9532	9875	0219	0562	1 34
65	102 0905	1249	1592	1935	2278	2621	2965	3308	3651	3994	2 69
66	4337	4680	5023	5366	5709	6052	6395	6738	7081	7423	3 103
67	7766	8109	8452	8794	9137	9480	9822	0165	0507	0850	4 137
68	103 1193	1536	1877	2220	2563	2905	3247	3589	3932	4274	5 172
69	4616	4958	5301	5643	5985	6327	6669	7011	7353	7695	6 206
70	8037	8379	8721	9063	9405	9747	0089	0430	0772	1114	7 240
1271	104 1456	1797	2139	2480	2822	3164	3505	3847	4188	4530	8 274
72	4871	5213	5554	5895	6237	6578	6919	7260	7602	7943	9 309
73	8284	8625	8966	9307	9648	9989	0331	0671	1012	1353	
74	105 1694	2035	2376	2717	3058	3398	3739	4080	4421	4761	
75	5102	5442	5783	6124	6464	6805	7145	7486	7826	8166	340
76	8507	8847	9187	9528	9868	0208	0548	0889	1229	1569	1 84
77	106 1909	2249	2589	2929	3269	3609	3949	4289	4629	4969	2 68
78	5309	5648	5988	6328	6668	7007	7347	7687	8026	8366	3 102
79	8705	9045	9385	9724	0063	0403	0742	1082	1421	1760	4 136
80	107 2100	2439	2778	3117	3457	3796	4135	4474	4813	5152	5 170
1281	5491	5830	6169	6508	6847	7186	7525	7864	8203	8541	6 204
82	8880	9219	9558	9896	0235	0574	0912	1251	1590	1928	7 238
83	108 2267	2606	2944	3282	3620	3959	4297	4635	4974	5312	8 272
84	6650	6988	7327	7665	7003	7341	7679	8017	8355	8693	9 303
85	9031	9369	9707	0045	0383	0721	1059	1396	1734	2072	
86	109 2410	2747	3085	3423	3760	4098	4435	4773	5111	5448	337
87	5785	6123	6460	6798	7135	7472	7810	8147	8484	8821	1 81
88	9159	9496	9833	0170	0507	0844	1181	1518	1855	2192	2 67
89	110 2529	2866	3203	3540	3877	4213	4550	4887	5224	5560	3 101
90	5897	6234	6570	6907	7244	7580	7917	8253	8590	8926	4 135
1291	9262	9599	9935	0272	0608	0944	1280	1617	1953	2289	5 169
92	111 2625	2961	3297	3633	3969	4306	4642	4977	5313	5649	6 203
93	5985	6321	6657	6993	7329	7664	8000	8336	8671	9007	7 237
94	9343	9678	0014	0350	0685	1021	1356	1691	2027	2362	8 271
95	112 2698	3033	3368	3704	4039	4374	4709	5045	5380	5715	9 305
96	6050	6385	6720	7055	7390	7725	8060	8395	8730	9065	1 81
97	9100	9735	0069	0404	0739	1074	1408	1743	2078	2412	2 67
98	113 2747	3081	3416	3751	4085	4420	4754	5088	5423	5757	3 101
99	6092	6426	6760	7094	7429	7763	8097	8431	8765	9099	4 135
1300	9434	9768	0102	0436	0770	1104	1437	1771	2105	2439	5 169

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1300	113 9434	9768	0102	0136	0770	1101	1437	1771	2103	2439	
01	114 2773	3107	3441	3774	4108	4442	4776	5109	5443	5776	
02	6110	0443	6777	7110	7444	7777	8111	8444	8777	9111	
03	9444	9777	0111	0444	0777	1110	1444	1777	2110	2443	
04	115 2776	3109	3442	3775	4108	4441	4774	5107	5439	5772	
05	5105	6438	6771	7103	7436	7769	8101	8434	8767	9099	
06	9432	9764	0097	0429	0762	1094	1427	1759	2091	2424	332
07	116 2756	3088	3420	3753	4085	4417	4749	5081	5413	5745	1 33
08	6077	6409	6741	7073	7405	7737	8069	8401	8733	9065	2 68
09	9396	9728	0060	0392	0723	1055	1387	1718	2050	2381	3 100
10	117 2713	3044	3378	3707	4039	4370	4702	5033	5364	5696	4 133
1311	6027	6358	6689	7021	7352	7683	8014	8345	8676	9007	5 165
12	9338	9669	0000	0331	0662	0993	1324	1655	1986	2316	6 197
13	118 2047	2978	3309	3639	3970	4301	4631	4962	5293	5623	7 230
14	5954	6284	6615	6945	7276	7606	7936	8267	8597	8927	8 263
15	9258	9588	9918	0248	0578	0909	1239	1569	1899	2229	9 299
16	119 2559	2889	3219	3549	3879	4209	4539	4868	5198	5528	
17	5858	6187	6517	6847	7177	7506	7836	8165	8495	8825	
18	9154	9484	9813	0143	0472	0801	1131	1460	1789	2119	329
19	120 2448	2777	3106	3436	3765	4094	4423	4752	5081	5410	1 33
20	5739	6068	6397	6726	7055	7384	7713	8042	8371	8699	2 68
1321	9023	9357	9686	0014	0343	0672	1000	1329	1657	1986	3 99
22	121 2315	2643	2972	3300	3629	3957	4285	4614	4942	5270	4 133
23	5598	5927	6255	6583	6911	7239	7568	7896	8224	8552	5 165
24	8880	9208	9536	9864	0192	0520	0848	1175	1503	1831	6 197
25	122 2159	2487	2814	3142	3470	3797	4125	4453	4780	5108	7 230
26	5435	5763	6090	6418	6745	7073	7400	7727	8055	8382	
27	8709	9036	9364	9691	0018	0345	0672	1000	1327	1654	
28	123 1981	2308	2635	2962	3289	3616	3942	4269	4596	4923	
29	5250	5577	5903	6230	6557	6883	7210	7537	7863	8190	
30	8516	8843	9169	9496	9823	0149	0475	0802	1128	1454	328
1331	124 1781	2107	2433	2759	3086	3412	3738	4064	4390	4716	1 33
32	5042	5368	5694	6020	6346	6672	6998	7324	7650	7976	2 68
33	8301	8627	8953	9279	9605	9930	0256	0582	0907	1233	3 100
34	125 1558	1884	2209	2535	2860	3186	3511	3837	4163	4487	4 133
35	4813	5138	5463	5788	6114	6439	6764	7089	7414	7739	5 165
36	8065	8390	8715	9040	9365	9690	0015	0339	0664	0989	6 197
37	126 1314	1639	1964	2289	2613	2938	3263	3587	3912	4237	7 230
38	4561	4886	5210	5535	5859	6184	6508	6833	7157	7481	
39	7806	8130	8454	8779	9103	9427	9751	0076	0400	0724	
40	127 1048	1372	1698	2020	2344	2668	2992	3316	3640	3964	
1341	4288	4612	4935	5259	5583	5907	6230	6554	6878	7202	
42	7525	7849	8172	8496	8819	9143	9466	9790	0113	0437	
43	128 0760	1083	1407	1730	2053	2377	2700	3023	3346	3670	323
44	3993	4316	4639	4962	5285	5608	5931	6254	6577	6900	1 33
45	7223	7545	7869	8191	8514	8837	9160	9483	9805	0128	2 68
46	129 0451	0773	1095	1418	1741	2064	2386	2709	3031	3354	3 100
47	3678	3999	4321	4643	4965	5288	5610	5932	6255	6577	4 133
48	6899	7221	7543	7865	8187	8510	8832	9154	9476	9798	5 165
49	130 0119	0441	0763	1085	1407	1729	2051	2372	2694	3018	6 197
1350	8338	8659	8981	9303	9624	9946	0267	0589	0911	1232	7 230

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1350	130 3388	3659	3981	4303	4624	4946	5267	5589	5911	6232	
51	6553	6875	7196	7518	7839	8161	8482	8803	9124	9446	
52	9767	0088	0409	0730	1052	1373	1694	2015	2336	2657	
53	131 2978	3299	3620	3941	4262	4583	4903	5224	5545	5866	
54	6187	6507	6828	7149	7469	7790	8111	8431	8752	9072	
55	9393	9713	0034	0354	0675	0995	1316	1636	1956	2277	320
56	132 2597	2917	3237	3558	3878	4198	4518	4838	5158	5478	1 32
57	5798	6119	6439	6758	7078	7398	7718	8038	8358	8678	2 64
58	8998	9317	9637	9957	0277	0596	0916	1236	1555	1875	3 96
59	133 2195	2514	2834	3153	3473	3792	4112	4431	4750	5070	4 128
60	5389	5708	6028	6347	6666	6985	7305	7624	7943	8262	5 160
1361	8581	8900	9219	9538	9857	0176	0495	0814	1133	1452	6 192
62	134 1771	2090	2409	2728	3046	3365	3684	4003	4321	4640	7 224
63	4959	5277	5596	5914	6233	6551	6870	7188	7507	7825	8 256
64	8144	8462	8780	9099	9417	9735	0054	0372	0690	1008	9 288
65	135 1327	1645	1963	2281	2599	2917	3235	3553	3871	4189	
66	4507	4825	5143	5461	5779	6096	6414	6732	7050	7367	317
67	7685	8003	8320	8638	8956	9273	9591	9908	0226	0543	1 32
68	136 0861	1178	1496	1813	2131	2448	2765	3083	3400	3717	2 63
69	4034	4352	4669	4986	5303	5620	5937	6255	6572	6889	3 95
70	7206	7523	7840	8157	8473	8790	9107	9424	9741	0058	4 127
1371	137 0375	0691	1008	1325	1641	1958	2275	2591	2908	3225	5 159
72	3541	3858	4174	4491	4807	5124	5440	5756	6073	6389	6 190
73	6705	7022	7338	7654	7970	8287	8603	8919	9235	9551	7 222
74	9867	0183	0499	0815	1131	1447	1763	2079	2395	2711	8 254
75	138 3027	3343	3659	3974	4290	4606	4922	5237	5553	5869	9 285
76	6184	6500	6816	7131	7447	7762	8078	8393	8709	9024	
77	9339	9655	9970	0285	0601	0916	1231	1547	1862	2177	
78	139 2492	2807	3122	3438	3753	4068	4383	4698	5013	5328	
79	5643	5958	6272	6587	6902	7217	7532	7847	8161	8476	
80	8791	9106	9420	9735	0050	0364	0679	0993	1308	1622	314
1381	140 1937	2251	2566	2880	3195	3509	3823	4138	4452	4766	1 31
82	5080	5395	5709	6023	6337	6651	6966	7280	7594	7908	2 63
83	8222	8536	8850	9164	9478	9792	0106	0419	0733	1047	3 94
84	141 1361	1675	1988	2302	2616	2930	3243	3557	3871	4184	4 126
85	4498	4811	5125	5438	5752	6065	6379	6692	7006	7319	5 157
86	7632	7946	8259	8572	8885	9199	9512	9825	0138	0451	6 188
87	142 0765	1078	1391	1704	2017	2330	2643	2956	3269	3582	7 220
88	3895	4208	4520	4833	5146	5459	5772	6084	6397	6710	8 251
89	7022	7335	7648	7960	8273	8586	8898	9211	9523	9836	9 283
90	143 0148	0460	0773	1085	1398	1710	2022	2335	2647	2959	
1391	3271	3584	3896	4208	4520	4832	5144	5456	5768	6080	
92	6802	7104	7416	7728	8040	8352	8664	8976	9288	9599	
93	8511	8823	9135	9446	9758	1070	1381	1693	2005	2316	311
94	144 2628	2939	3251	3562	3874	4185	4497	4808	5119	5431	1 31
95	5742	6053	6365	6676	6987	7298	7610	7921	8232	8543	2 62
96	8854	9165	9476	9787	0098	0409	0720	1031	1342	1653	3 93
97	145 1964	2275	2586	2897	3207	3518	3829	4140	4450	4761	4 124
98	5072	5382	5693	6004	6314	6625	6935	7246	7556	7867	5 156
99	8177	8488	8798	9108	9419	9729	0039	0350	0660	0970	6 187
1400	146 1280	1591	1901	2211	2521	2831	3141	3451	3761	4071	7 218
											8 249
											9 280

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1400	1461280	1591	1901	2211	2521	2831	3141	3451	3761	4071	
01	4381	4691	5001	5311	5621	5931	6241	6551	6861	7170	
02	7480	7790	8100	8409	8719	9029	9338	9648	9958	0267	
03	1470577	0888	1196	1505	1813	2124	2434	2743	3052	3362	
04	3671	3980	4290	4599	4908	5217	5527	5836	6145	6454	
05	6763	7072	7381	7690	7999	8308	8617	8928	9235	9544	
06	9353	0162	0471	0780	1089	1397	1706	2015	2324	2632	308
07	1482941	3250	3558	3867	4175	4484	4793	5101	5410	5718	1 91
08	6027	6335	6643	6952	7260	7569	7877	8185	8493	8802	2 62
09	9110	9418	9726	0035	0343	0651	0959	1267	1576	1883	3 31
10	1492191	2499	2807	3116	3423	3731	4039	4347	4655	4962	4 123
1411	5270	6578	6886	6193	6501	6809	7118	7424	7732	8039	5 184
12	8347	8655	8962	9270	9577	9885	0192	0499	0807	1114	6 183
13	1501423	1729	2036	2344	2651	2958	3265	3573	3880	4187	7 213
14	4494	4801	5108	5416	5722	6030	6337	6644	6951	7257	8 249
15	7684	7871	8178	8485	8792	9099	9406	9712	0019	0326	9 277
16	1510633	0939	1246	1553	1859	2166	2472	2779	3085	3392	308
17	3699	4005	4311	4618	4924	5231	5537	5843	6150	6456	1 31
18	8762	7069	7375	7681	7987	8293	8600	8906	9212	9518	2 61
19	9824	0130	0436	0742	1048	1354	1660	1966	2272	2578	3 27
20	1522833	3189	3495	3801	4107	4412	4716	5024	5329	5635	4 173
1421	8941	6248	6552	6858	7163	7469	7774	8080	8385	8691	5 183
22	6996	9301	9607	9912	0217	0523	0828	1133	1439	1744	6 184
23	1532049	2354	2659	2964	3270	3578	3880	4185	4490	4795	7 243
24	6100	6405	6710	6018	8320	6625	6929	7234	7639	7644	8 273
25	6149	8453	8766	9063	9368	9673	9977	0281	0586	0891	
26	1841195	1500	1804	2109	2413	2718	3022	3327	3631	3936	804
27	4240	4544	4848	5153	5457	5761	6065	6370	6674	6978	1 30
28	7282	7688	7890	8194	8498	8802	9106	9410	9714	0018	2 91
29	1880322	0626	0930	1234	1538	1842	2145	2449	2753	3057	3 91
30	8360	3664	3968	4271	4575	4679	5182	5486	5789	6093	4 123
1431	6396	8700	7003	7307	7610	7914	6217	8520	8824	9127	5 183
32	9430	9733	0037	0340	0643	0946	1249	1553	1856	2159	6 213
33	1662462	2765	3068	3371	3674	3977	4280	4583	4886	5189	7 243
34	5492	5794	6097	6400	6703	7008	7308	7811	7914	8216	8 274
35	6519	8822	9124	9427	9729	0032	0334	0637	0939	1242	802
36	1571544	1847	2149	2452	2764	3058	3359	3661	3963	4265	1 30
37	4568	4870	5172	5474	5778	6079	6381	6683	6985	7287	2 60
38	7589	7691	8193	8495	8797	9099	9401	9702	0004	0306	3 91
39	1680608	0910	1212	1513	1815	2117	2418	2720	3022	3323	4 171
40	8625	3927	4228	4530	4831	6133	6434	5736	6037	6338	5 151
1441	8640	6941	7243	7544	7845	8146	8448	8749	9050	9351	6 181
42	9653	9954	0255	0556	0857	1158	1459	1760	2061	2362	7 211
43	1592663	2964	3265	3568	3867	4168	4469	4770	5070	5371	8 242
44	6672	5973	6273	6574	6875	7176	7476	7777	8077	8378	9 272
45	8678	8978	9279	9580	9881	0181	0481	0781	1082	1382	300
46	1601683	1983	2284	2584	2884	3184	3485	3786	4085	4385	1 30
47	4685	4985	5286	5586	5886	6186	6486	6786	7088	7386	2 60
48	7686	7986	8285	8585	8885	9185	9485	9785	0084	0384	3 91
49	1610684	0984	1283	1583	1883	2183	2483	2781	3081	3380	4 171
1450	3680	3980	4279	4578	4878	8177	5477	5778	6075	6376	5 150

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1450	161 3680	3980	4279	4578	4878	5177	5477	5776	6075	6375	
51	6674	6973	7273	7572	7871	8170	8470	8769	9068	9367	
52	9666	9965	0264	0563	0862	1161	1460	1759	2058	2357	
53	162 2056	2955	3254	3553	3852	4150	4449	4748	5047	5345	298
54	5644	5943	6241	6540	6839	7137	7436	7734	8033	8331	1 30
55	8630	8928	9227	9525	9824	0122	0420	0719	1017	1315	2 60
56	163 1614	1912	2210	2508	2807	3105	3403	3701	3999	4297	3 89
57	4596	4894	5192	5490	5788	6086	6384	6682	6979	7277	4 119
58	7575	7873	8171	8469	8767	9064	9362	9660	9958	0255	5 149
59	164 0553	0851	1148	1446	1743	2041	2339	2636	2934	3231	6 179
60	3529	3826	4123	4421	4718	5016	5313	5610	5908	6205	7 209
1461	6502	6799	7097	7394	7691	7988	8285	8582	8880	9177	8 238
62	9474	9771	0068	0365	0662	0959	1256	1553	1850	2146	9 268
63	165 2443	2740	3037	3334	3631	3927	4224	4521	4817	5114	296
64	5411	5707	6004	6301	6597	6894	7190	7487	7783	8080	1 80
65	8376	8673	8969	9265	9562	9858	0155	0451	0747	1043	2 59
66	166 1340	1636	1932	2228	2525	2821	3117	3413	3709	4005	3 89
67	4301	4597	4893	5189	5485	5781	6077	6373	6669	6965	4 118
68	7261	7556	7852	8148	8444	8740	9035	9331	9627	9922	5 148
69	167 0218	0514	0809	1105	1400	1696	1991	2287	2582	2878	6 178
70	3173	3469	3764	4060	4355	4650	4946	5241	5536	5831	7 207
1471	6127	6422	6717	7012	7308	7603	7898	8193	8488	8783	8 237
72	9078	9373	9668	9963	0258	0553	0848	1143	1438	1733	9 266
73	168 2027	2322	2617	2912	3207	3501	3796	4091	4386	4680	294
74	4975	5269	5564	5859	6153	6448	6742	7037	7331	7626	1 29
75	7920	8215	8509	8803	9098	9392	9686	9981	0275	0569	2 59
76	169 0864	1158	1452	1746	2040	2335	2629	2923	3217	3511	3 88
77	3805	4099	4393	4687	4981	5275	5569	5863	6157	6450	4 118
78	6744	7038	7332	7626	7920	8213	8507	8801	9094	9388	5 147
79	9682	9975	0269	0563	0856	1150	1443	1737	2030	2324	6 176
80	170 2617	2911	3204	3497	3791	4084	4377	4671	4964	5257	7 206
1481	5551	5844	6137	6430	6723	7017	7310	7603	7896	8189	8 235
82	8482	8775	9068	9361	9654	9947	0240	0533	0826	1119	9 265
83	171 1412	1704	1997	2290	2583	2876	3168	3461	3754	4046	
84	4339	4632	4924	5217	5509	5802	6095	6387	6680	6972	292
85	7265	7557	7849	8142	8434	8727	9019	9311	9604	9896	1 29
86	172 0188	0480	0773	1065	1357	1649	1941	2233	2526	2818	2 58
87	3110	3402	3694	3986	4278	4570	4862	5154	5446	5737	3 88
88	6029	6321	6613	6905	7197	7488	7780	8072	8364	8655	4 117
89	8947	9239	9530	9822	0113	0405	0697	0988	1280	1571	5 146
90	173 1863	2154	2446	2737	3028	3320	3611	3903	4194	4485	6 175
1491	4776	5068	5359	5650	5941	6233	6524	6815	7106	7397	7 204
92	7688	7979	8270	8561	8852	9143	9434	9725	0016	0307	8 234
93	174 0598	0889	1180	1471	1761	2052	2343	2634	2925	3215	9 263
94	3506	3797	4087	4378	4669	4959	5250	5540	5831	6121	290
95	6412	6702	6993	7283	7574	7864	8155	8445	8735	9026	1 29
96	9316	9606	9897	0187	0477	0767	1057	1348	1638	1928	2 58
97	175 2218	2508	2798	3088	3378	3668	3958	4248	4538	4828	3 87
98	5118	5408	5698	5988	6278	6567	6857	7147	7437	7727	4 116
99	8016	8306	8596	8885	9175	9465	9754	0044	0333	0623	5 145
1500	176 0913	1202	1492	1781	2071	2360	2649	2939	3228	3518	6 174
											7 203
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1500	176 0913	1202	1492	1781	2071	2360	2649	2939	3228	3518	
01	3807	4096	4386	4676	4964	5253	5543	5832	6121	6410	
02	6699	6988	7278	7567	7856	8145	8434	8723	9012	9301	
03	9590	9879	0168	0457	0745	1034	1323	1612	1901	2190	
04	177 2478	2767	3056	3345	3633	3922	4211	4499	4788	5076	288
05	5365	5654	5942	6231	6519	6808	7096	7385	7673	7961	1 29
06	8250	8539	8826	9115	9403	9692	9980	0268	0556	0844	2 50
07	178 1133	1421	1709	1997	2285	2573	2861	3149	3437	3725	3 80
08	4013	4301	4589	4877	5165	5453	5741	6029	6317	6605	4 116
09	6892	7180	7468	7756	8043	8331	8619	8907	9194	9482	5 164
10	9769	0057	0345	0633	0920	1207	1495	1782	2070	2357	6 173
1511	179 2645	2932	3219	3507	3794	4082	4369	4656	4943	5231	7 209
12	5518	5805	6092	6380	6667	6954	7241	7528	7815	8102	8 230
13	8389	8676	8963	9250	9537	9824	0111	0398	0685	0972	9 259
14	180 1259	1546	1832	2119	2406	2693	2980	3266	3553	3840	286
15	4128	4413	4700	4986	5273	5559	5846	6133	6419	6706	1 29
16	6992	7276	7565	7851	8136	8424	8711	8997	9283	9570	2 57
17	9856	0142	0428	0715	1001	1287	1573	1859	2145	2432	3 86
18	181 2718	3004	3290	3576	3862	4148	4434	4720	5006	5292	4 116
19	5578	5864	6150	6435	6721	7007	7293	7579	7864	8160	5 163
20	8436	8723	9007	9293	9579	9864	0150	0435	0721	1007	6 173
1521	182 1292	1576	1863	2149	2434	2720	3005	3290	3576	3861	7 209
22	4147	4433	4717	5002	5288	5573	5858	6143	6429	6714	8 230
23	6999	7284	7569	7854	8140	8425	8710	8995	9280	9565	9 259
24	9850	0135	0420	0704	0989	1274	1559	1844	2129	2414	286
25	183 2696	2988	3266	3553	3837	4122	4407	4691	4978	5261	1 29
26	5545	5830	6114	6399	6684	6968	7253	7537	7822	8106	2 57
27	8390	8676	8959	9244	9528	9812	0096	0381	0665	0949	3 86
28	184 1234	1516	1802	2086	2370	2654	2939	3223	3507	3791	4 116
29	4075	4359	4643	4927	5211	5495	5779	6063	6347	6630	5 163
30	6914	7198	7482	7766	8050	8333	8617	8901	9185	9468	6 173
1531	9752	0036	0319	0603	0886	1170	1454	1737	2021	2304	7 209
32	185 2588	2871	3155	3438	3722	4005	4288	4572	4855	5138	8 230
33	5422	5705	5988	6271	6555	6838	7121	7404	7687	7970	9 259
34	8254	8537	8820	9103	9386	9669	9952	0235	0518	0801	286
35	186 1084	1367	1650	1932	2216	2496	2781	3064	3347	3629	1 29
36	6912	7195	7478	7760	8043	8325	8608	8891	9174	9456	2 57
37	6739	7021	7304	7586	7869	8151	8434	8716	8999	9281	3 86
38	9563	9846	0128	0410	0693	0976	1257	1540	1822	2104	4 116
39	187 2386	2668	2951	3233	3515	3797	4079	4361	4643	4925	5 163
40	5207	5489	5771	6053	6335	6617	6899	7181	7463	7745	6 173
1541	8026	8308	8590	8872	9154	9435	9717	9999	0280	0562	7 209
42	188 0844	1125	1407	1689	1970	2252	2533	2815	3096	3378	8 230
43	3659	3941	4222	4504	4785	5066	5348	5629	5910	6192	9 259
44	6473	6754	7035	7317	7598	7878	8160	8441	8723	9004	286
45	9285	9566	9847	0128	0409	0690	0971	1252	1533	1814	1 29
46	189 2095	2376	2657	2938	3216	3499	3780	4061	4342	4622	2 57
47	4903	5184	5465	5745	6026	6307	6587	6868	7148	7429	3 86
48	7710	7990	8271	8551	8832	9112	9393	9673	9953	0234	4 116
49	190 0514	0795	1075	1355	1636	1916	2196	2476	2757	3037	5 163
1550	3317	3597	3877	4157	4438	4716	4998	5278	5558	5838	6 173

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1550	1903317	3597	3877	4157	4438	4718	4998	5278	5558	5838	
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52	8917	9197	9477	9757	0036	0316	0596	0876	1155	1435	
53	1911715	1994	2274	2553	2833	3113	3392	3672	3951	4231	279
54	4510	4790	5069	5348	5628	5907	6187	6466	6745	7025	1 28
55	7304	7583	7862	8142	8421	8700	8979	9259	9538	9817	2 56
56	1920096	0376	0654	0933	1212	1491	1770	2049	2328	2607	3 84
57	2886	3165	3444	3723	4002	4281	4559	4838	5117	5396	4 112
58	5675	5953	6232	6511	6789	7068	7347	7625	7904	8183	5 140
59	8461	8740	9018	9297	9575	9854	0132	0411	0689	0968	6 167
60	1931246	1524	1803	2081	2359	2638	2916	3194	3473	3751	7 195
1561	4029	4307	4585	4864	5142	5420	5698	5976	6254	6532	8 223
62	6810	7088	7366	7644	7922	8200	8478	8756	9034	9312	9 251
63	9590	9868	0146	0423	0701	0979	1257	1534	1812	2090	
64	1942367	2645	2923	3200	3478	3756	4033	4311	4588	4866	277
65	5143	5421	5698	5976	6253	6531	6808	7086	7363	7640	1 28
66	7918	8195	8472	8749	9027	9304	9581	9858	0136	0413	2 55
67	1950690	0967	1244	1521	1798	2075	2353	2630	2907	3184	3 83
68	3461	3738	4014	4291	4568	4845	5122	5399	5676	5953	4 111
69	6229	6506	6783	7060	7336	7613	7890	8167	8443	8720	5 139
70	8997	9273	9550	9826	0103	0379	0656	0932	1209	1485	6 166
1571	1961762	2038	2315	2591	2867	3144	3420	3697	3973	4249	7 194
72	4525	4802	5078	5354	5630	5907	6183	6459	6735	7011	8 222
73	7287	7563	7839	8115	8391	8667	8943	9219	9495	9771	9 249
74	1970047	0323	0599	0875	1151	1427	1702	1978	2254	2530	
75	2806	3081	3357	3633	3908	4184	4460	4735	5011	5287	275
76	5562	5838	6113	6389	6664	6940	7215	7491	7766	8042	1 23
77	8317	8592	8868	9143	9418	9694	9969	0244	0520	0795	2 55
78	1981070	1345	1620	1896	2171	2446	2721	2996	3271	3546	3 83
79	3821	4096	4371	4646	4921	5196	5471	5746	6021	6296	4 110
80	6571	6846	7121	7395	7670	7945	8220	8495	8769	9044	5 138
1581	9319	9593	9868	0143	0417	0692	0967	1241	1516	1790	6 165
82	1992065	2339	2614	2888	3163	3437	3712	3986	4260	4535	7 193
83	4809	5083	5358	5632	5906	6181	6456	6729	7003	7278	8 220
84	7552	7826	8100	8374	8648	8922	9197	9471	9745	0019	9 248
85	2000293	0567	0841	1115	1389	1662	1936	2210	2484	2758	
86	3032	3306	3579	3853	4127	4401	4674	4948	5222	5496	
87	5769	6043	6317	6590	6864	7137	7411	7684	7958	8231	273
88	8505	8778	9052	9325	9599	9872	0146	0419	0692	0966	1 27
89	2011239	1512	1786	2059	2332	2605	2879	3152	3425	3698	2 55
90	3971	4244	4517	4791	5064	5337	5610	5883	6156	6429	3 82
1591	6702	6975	7248	7521	7794	8066	8339	8612	8885	9158	4 109
92	9431	9703	9976	0249	0522	0794	1067	1340	1612	1885	5 137
93	2022158	2430	2703	2976	3248	3521	3793	4066	4338	4611	6 164
94	4863	5156	5428	5700	5973	6245	6518	6790	7062	7335	7 191
95	7607	7879	8151	8424	8696	8968	9240	9512	9785	0057	8 218
96	2030329	0601	0873	1145	1417	1689	1961	2233	2505	2777	9 246
97	3049	3321	3593	3866	4137	4409	4681	4952	5224	5496	
98	5768	6040	6311	6583	6855	7126	7398	7670	7941	8213	
99	8485	8756	9028	9299	9571	9842	0114	0385	0657	0928	
1600	2041200	1471	1743	2014	2285	2557	2828	3099	3371	3642	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1600	2041200	1471	1743	2014	2285	2557	2828	3099	3371	3642	
01	3016	4185	4456	4727	4998	5269	5541	5812	6083	6354	
02	6625	6896	7167	7438	7709	7980	8251	8522	8793	9064	
03	8335	9606	9677	0148	0419	0690	0960	1231	1502	1773	
04	2052044	2314	2585	2856	3127	3397	3668	3939	4209	4480	270
05	4750	5021	5292	5562	5833	6103	6374	6644	6815	7185	1 27
06	7455	7726	7996	8267	8537	8807	9078	9348	9618	9889	2 54
07	2060159	0429	0699	0969	1240	1510	1780	2050	2320	2590	3 81
08	2860	3131	3401	3671	3941	4211	4481	4751	5021	5291	4 108
09	6560	6830	8100	8370	8640	8910	7180	7449	7719	7989	5 135
10	8255	8529	8796	9068	9338	9607	9877	0147	0416	0686	6 162
1611	2070955	1225	1495	1764	2034	2303	2573	2842	3112	3381	7 189
12	3650	3920	4189	4459	4726	4997	5267	5536	5805	6074	8 216
13	6344	6613	6882	7151	7421	7690	7959	8228	8497	8766	9 243
14	9035	8304	9573	9842	0111	0380	0649	0918	1187	1456	
15	2061725	1994	2263	2532	2801	3070	3338	3607	3876	4145	
16	4414	4683	4951	5220	5488	5757	6026	6294	6563	6832	
17	7100	7369	7637	7906	8174	8443	8711	8980	9248	9517	256
18	8785	0054	0322	0590	0859	1127	1395	1664	1932	2200	1 27
19	2092488	2737	3005	3273	3541	3810	4078	4346	4614	4882	2 54
20	6160	5418	6686	6954	6222	6490	6758	7026	7294	7562	3 80
1621	7630	8098	8366	8634	8902	9170	8437	9705	9973	0241	4 107
22	2100508	0776	1044	1312	1579	1847	2115	2382	2650	2918	5 134
23	3165	3453	3720	3988	4255	4523	4790	5058	5325	5593	6 161
24	6860	6128	6385	6662	6930	7197	7464	7732	7999	8268	7 188
25	8534	6801	9068	8335	9603	9870	0137	0404	0671	0938	8 214
26	2111205	1472	1740	2007	2274	2541	2808	3075	3342	3609	9 241
27	8876	4142	4409	4678	4943	6210	6477	6744	6010	8277	
28	6544	6811	7078	7344	7611	7878	8144	8411	8678	8944	
29	9211	9477	9744	0011	0277	0544	0810	1077	1343	1610	266
30	2121876	2142	2409	2676	2942	3208	3474	3741	4007	4273	1 27
1631	4540	4606	5072	6336	8605	6671	6137	6403	6669	6935	2 53
32	7202	7468	7734	8000	8266	8532	8798	9064	9330	8596	3 80
33	9862	0128	0394	0660	0926	1191	1457	1723	1989	2255	4 106
34	2132521	2786	3052	3318	3584	3849	4116	4381	4646	4912	5 133
35	5178	5445	6709	6974	6240	6505	6771	7037	7302	7568	6 160
36	7633	8096	6364	6629	8895	9160	9425	9691	9958	0221	7 186
37	2140487	0762	1017	1263	1546	1813	2076	2343	2609	2874	8 213
38	3139	3404	8669	3934	4199	4464	4730	4995	6260	8525	9 239
39	5790	6055	6319	6584	6849	7114	7379	7644	7909	6174	
40	8438	8703	8866	9233	9498	9762	0027	0292	0556	0821	264
1641	2151086	1350	1616	1880	2144	2409	2673	2938	6203	3467	1 26
42	3732	3996	4260	4525	4789	6054	6318	6586	6847	6111	2 53
43	6376	6640	6904	7169	7433	7697	7961	8226	8490	8754	3 79
44	9016	9282	9546	9811	0075	0339	0603	0867	1131	1395	4 106
45	2161659	1923	2187	2451	2716	2979	3243	3507	3771	4034	5 133
46	4296	4562	4828	5090	5354	6617	5881	6145	6409	6672	6 158
47	6936	7200	7463	7727	7991	6254	6518	6781	9045	9309	7 185
48	9572	9836	0099	0363	0626	0890	1153	1416	1680	1943	8 211
49	2172307	2470	2733	2997	3260	3523	3786	4050	4313	4576	9 238
1650	4839	5103	6366	5629	5892	6155	8416	6682	6945	7208	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1650	217 4839	5103	5366	5629	5892	6155	6418	6682	6945	7208	
51	7471	7734	7997	8260	8523	8786	9049	9312	9575	9838	
52	218 0100	0363	0626	0889	1152	1415	1677	1940	2203	2466	262
53	2729	2991	3254	3517	3779	4042	4305	4567	4830	5092	1 26
54	5355	5618	5880	6143	6405	6668	6930	7193	7455	7718	2 52
55	7980	8242	8505	8767	9030	9292	9554	9816	0079	0341	3 79
56	219 0603	0866	1128	1390	1652	1914	2177	2439	2701	2963	4 105
57	3225	3487	3749	4011	4273	4535	4797	5059	5321	5583	5 131
58	5845	6107	6369	6631	6893	7155	7417	7678	7940	8202	6 157
59	8464	8726	8987	9249	9511	9773	0034	0296	0558	0819	7 183
60	220 1081	1342	1604	1866	2127	2389	2650	2912	3173	3435	8 210
1661	3696	3958	4219	4481	4742	5003	5265	5526	5788	6049	9 236
62	6310	6571	6833	7094	7355	7617	7878	8139	8400	8661	
63	8922	9184	9445	9706	9967	0228	0489	0750	1011	1272	
64	221 1533	1794	2055	2316	2577	2838	3099	3360	3621	3882	
65	4142	4403	4664	4925	5186	5446	5707	5968	6229	6489	260
66	6750	7011	7271	7532	7793	8053	8314	8574	8835	9095	1 26
67	9356	9617	9877	0138	0398	0658	0919	1179	1440	1700	2 52
68	222 1960	2221	2481	2741	3002	3262	3522	3783	4043	4303	3 78
69	4563	4824	5084	5344	5604	5864	6124	6384	6645	6905	4 104
70	7165	7425	7685	7945	8205	8465	8725	8985	9245	9505	5 130
1671	9764	0024	0284	0544	0804	1064	1324	1583	1843	2103	6 156
72	223 2363	2622	2882	3142	3402	3661	3921	4181	4440	4700	7 182
73	4959	5219	5479	5738	5998	6257	6517	6776	7036	7295	8 208
74	7555	7814	8073	8333	8592	8852	9111	9370	9630	9889	9 234
75	224 0148	0407	0667	0926	1185	1444	1704	1963	2222	2481	
76	2740	2999	3258	3517	3777	4036	4295	4554	4813	5072	
77	5331	5590	5849	6107	6366	6625	6884	7143	7402	7661	
78	7920	8178	8437	8696	8955	9213	9472	9731	9990	0248	
79	225 0507	0766	1024	1283	1541	1800	2059	2317	2576	2834	258
80	3093	3351	3610	3868	4127	4385	4644	4902	5160	5419	1 26
1681	5677	5935	6194	6452	6710	6969	7227	7485	7743	8002	2 52
82	8260	8518	8776	9034	9293	9551	9809	0067	0325	0583	3 77
83	226 0841	1099	1357	1615	1873	2131	2389	2647	2905	3163	4 103
84	3421	3679	3937	4194	4452	4710	4968	5226	5484	5741	5 129
85	5999	6257	6515	6772	7030	7288	7545	7803	8060	8318	6 155
86	8576	8833	9091	9348	9606	9863	0121	0378	0636	0893	7 181
87	227 1151	1408	1666	1923	2180	2438	2695	2953	3210	3467	8 206
88	3724	3982	4239	4496	4753	5011	5268	5525	5782	6039	9 232
89	6296	6554	6811	7068	7325	7582	7839	8096	8353	8610	
90	8867	9124	9381	9638	9895	0152	0409	0666	0922	1179	
1691	228 1436	1693	1950	2206	2463	2720	2977	3233	3490	3747	
92	4004	4260	4517	4774	5030	5287	5543	5800	6057	6313	256
93	6570	6826	7083	7339	7596	7852	8108	8365	8621	8878	1 26
94	9134	9390	9647	9903	0159	0416	0672	0928	1185	1441	2 51
95	229 1697	1953	2209	2466	2722	2978	3234	3490	3746	4002	3 77
96	4258	4515	4771	5027	5283	5539	5795	6051	6307	6562	4 102
97	6818	7074	7330	7586	7842	8098	8354	8609	8865	9121	5 123
98	9377	9633	9888	0144	0400	0656	0911	1167	1423	1678	6 154
99	230 1934	2189	2445	2701	2956	3212	3467	3723	3978	4234	7 179
1700	4489	4745	5000	5256	5511	5766	6022	6277	6532	6788	8 205

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1700	230 4489	4746	5000	5256	5511	5766	6022	6277	6532	6788	
01	7043	7298	7554	7809	8064	8320	8575	8830	9085	9340	
02	9596	9851	0106	0361	0616	0871	1126	1381	1636	1891	
03	231 2146	2401	2656	2911	3166	3421	3676	3931	4186	4441	
04	4696	4951	5206	5460	5716	5970	6225	6480	6734	6989	
05	7244	7499	7753	8008	8263	8517	6772	9026	9281	9536	254
06	9790	0045	0299	0554	0808	1063	1317	1572	1826	2081	1 25
07	232 2335	2590	2644	3098	3353	3607	3661	4116	4370	4624	2 51
08	4379	5133	5367	5641	5896	8150	6404	8658	6912	7166	3 76
09	7421	7675	7929	8183	8437	8691	8945	9199	9453	9707	4 102
10	9961	0216	0469	0723	0977	1231	1485	1739	1992	2246	5 127
1711	233 2500	2754	8006	3262	3516	3769	4023	4277	4530	4784	6 152
12	6038	5291	5545	6799	6052	8306	6559	6813	7067	7320	7 178
13	7574	7827	8081	6334	8588	8641	9095	9346	9601	9855	8 203
14	234 0106	0362	0615	0868	1122	1376	1628	1881	2135	2388	9 229
15	2641	2694	3148	3401	3654	3907	4160	4414	4667	4920	
16	5173	5426	5679	5932	6185	6438	6691	6944	7197	7450	
17	7703	7956	8209	6462	8716	8967	9220	9473	9726	9979	
18	235 0232	0484	0737	0990	1243	1495	1746	2001	2253	2500	252
19	2753	3011	3264	3517	3769	4022	4274	4527	4779	5032	1 25
20	5264	5537	5789	6042	6294	6547	5799	7052	7304	7556	2 50
1721	7809	8061	8313	8568	8818	9070	9323	9575	9827	0079	3 76
22	236 0331	0584	0836	1088	1340	1592	1844	2097	2349	2601	4 102
23	2853	3105	3357	3609	3861	4113	4365	4617	4869	5121	5 128
24	6373	5625	5876	6128	6380	6632	6884	7136	7387	7639	6 153
25	7891	8143	8394	8646	6898	9150	9401	9653	9905	0156	7 178
26	237 0408	0660	0911	1163	1414	1666	1917	2169	2420	2672	8 203
27	2923	3176	3426	3676	3929	4181	4432	4683	4935	5186	9 227
28	8437	5689	5940	6191	6443	6694	5945	7196	7448	7699	
29	7950	8201	8452	8703	8955	9206	9457	9708	9959	0210	
30	238 0461	0712	0963	1214	1465	1716	1967	2218	2469	2720	
1731	2971	8222	3472	3723	3974	4225	4476	4727	4977	5228	
32	6479	5730	5980	6231	6482	6732	6983	7234	7484	7735	250
33	7986	8236	8487	5737	8988	9238	9489	9739	9990	0240	1 25
34	239 0491	0741	0992	1242	1493	1743	1993	2244	2494	2744	2 50
35	2995	3246	8495	3746	5996	4246	4496	4747	4997	5247	3 76
36	5497	5747	5998	6248	8498	8748	6998	7248	7498	7748	4 100
37	7998	8248	8498	8748	8998	9248	9498	9748	9998	0248	5 125
38	240 0498	0746	0997	1247	1497	1747	1997	2247	2498	2746	6 150
39	2996	3246	3495	8745	3995	4244	4494	4744	4993	5243	7 174
40	5492	5742	5992	6241	6491	8740	8990	7239	7489	7738	8 200
1741	7988	8237	8487	6738	8985	9235	9484	9734	9983	0232	9 225
42	241 0482	0731	0980	1229	1479	1728	1977	2226	2476	2725	
43	2974	3223	3472	3721	3970	4220	4469	4718	4967	5216	
44	5465	5714	5963	8213	6461	8710	6959	7208	7457	7705	
45	7954	8203	8452	8701	8950	9199	9447	9696	9946	0194	
46	242 0442	0691	0940	1189	1437	1686	1935	2183	2432	2680	
47	2929	3178	3426	3675	3923	4172	4420	4669	4917	5166	
48	5414	5663	5911	6160	6408	8658	6905	7153	7401	7650	
49	7898	8146	8395	8643	8891	9139	9388	9636	9884	0132	
1750	243 0360	0629	0877	1125	1873	1621	1869	2117	2365	2613	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1750	243 0380	0629	0877	1125	1373	1621	1869	2117	2365	2613	
51	2861	3109	3357	3605	3853	4101	4349	4597	4845	5093	
52	5341	5589	5837	6085	6332	6580	6828	7076	7324	7571	
53	7819	8067	8315	8562	8810	9058	9305	9553	9801	0048	
54	244 0296	0543	0791	1039	1286	1534	1781	2029	2276	2524	247
55	2771	3019	3266	3514	3761	4008	4256	4503	4750	4998	1 25
56	5245	5492	5740	5987	6234	6482	6729	6976	7223	7470	2 49
57	7718	7965	8212	8459	8706	8953	9200	9448	9695	9942	3 74
58	245 0189	0436	0683	0930	1177	1424	1671	1918	2165	2411	4 99
59	2658	2905	3152	3399	3646	3893	4140	4386	4633	4880	5 124
60	5127	5373	5620	5867	6114	6360	6607	6854	7100	7347	6 148
1761	7594	7840	8087	8333	8580	8826	9073	9320	9566	9813	7 173
62	246 0059	0306	0552	0798	1045	1291	1538	1784	2030	2277	8 198
63	2523	2769	3016	3262	3508	3755	4001	4247	4493	4740	9 222
64	4986	5232	5478	5724	5970	6217	6463	6709	6955	7201	
65	7447	7693	7939	8185	8431	8677	8923	9169	9415	9661	
66	9907	0153	0399	0645	0891	1136	1382	1628	1874	2120	
67	247 2365	2611	2857	3103	3349	3594	3840	4086	4331	4577	245
68	4823	5068	5314	5559	5805	6051	6296	6542	6787	7033	1 25
69	7278	7524	7769	8015	8260	8506	8751	8997	9242	9487	2 49
70	9733	9978	0223	0469	0714	0959	1205	1450	1695	1940	3 74
1771	248 2186	2431	2676	2921	3166	3412	3657	3902	4147	4392	4 98
72	4637	4882	5127	5372	5617	5862	6107	6352	6597	6842	5 123
73	7087	7332	7577	7822	8067	8312	8557	8802	9047	9291	6 147
74	9536	9781	0026	0271	0516	0760	1005	1249	1494	1739	7 172
75	249 1984	2228	2473	2718	2962	3207	3451	3696	3941	4185	8 196
76	4430	4674	4919	5163	5408	5652	5897	6141	6385	6630	9 221
77	6874	7119	7363	7607	7852	8096	8340	8585	8829	9073	
78	9318	9562	9806	0050	0294	0539	0783	1027	1271	1515	
79	250 1759	2004	2248	2492	2736	2980	3224	3468	3712	3956	
80	4200	4444	4688	4932	5176	5420	5664	5908	6151	6395	
1781	6639	6883	7127	7371	7614	7858	8102	8346	8590	8833	
82	9077	9321	9564	9808	0052	0295	0539	0783	1026	1270	243
83	251 1513	1757	2001	2244	2488	2731	2975	3218	3462	3705	1 24
84	3949	4192	4435	4679	4922	5166	5409	5652	5896	6139	2 49
85	6382	6625	6869	7112	7355	7599	7842	8085	8328	8571	3 73
86	8815	9058	9301	9544	9787	0030	0273	0516	0759	1002	4 97
87	252 1246	1489	1732	1975	2218	2461	2703	2946	3189	3432	5 122
88	3675	3918	4161	4404	4647	4889	5132	5375	5618	5861	6 146
89	6103	6346	6589	6832	7074	7317	7560	7802	8045	8288	7 170
90	8530	8773	9016	9258	9501	9743	9986	0228	0471	0713	8 194
1791	253 0956	1198	1441	1683	1926	2168	2411	2653	2895	3138	9 219
92	3380	3622	3865	4107	4349	4592	4834	5076	5318	5561	
93	5803	6045	6287	6529	6772	7014	7256	7498	7740	7982	
94	8224	8466	8709	8951	9193	9435	9677	9919	0161	0403	
95	254 0645	0886	1128	1370	1612	1854	2096	2338	2580	2822	
96	3063	3305	3547	3789	4030	4272	4514	4756	4997	5239	
97	5481	5722	5964	6206	6447	6689	6931	7172	7414	7655	
98	7897	8138	8380	8621	8863	9104	9346	9587	9829	0070	
99	255 0312	0553	0794	1036	1277	1519	1760	2001	2242	2484	
1800	2725	2966	3208	3449	3690	3931	4172	4414	4655	4896	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1800	255 2725	2968	3208	8449	3880	3931	4172	4414	4555	4898	
01	5137	5378	5619	8860	8102	6343	6584	6825	7066	7307	
02	7548	7789	8030	8271	8512	8753	8994	9235	9475	9716	
03	9957	0198	0439	0680	0921	1161	1402	1643	1884	2125	
04	255 2365	2506	2847	3087	3328	3589	3810	4050	4291	4531	
05	4772	5018	5253	8494	8734	8976	6215	6456	6698	6937	
06	7177	7418	7658	7899	8139	8380	8620	8860	9101	9341	
07	9582	9822	0063	0302	0543	0783	1023	1264	1504	1744	240
08	257 1984	2224	2465	2705	2945	3185	3425	3665	3905	4146	1 24
09	4385	4628	4866	6108	8348	5866	8826	6088	6306	6546	2 48
10	6785	7028	7268	7508	7745	7885	8223	8465	8705	8945	3 72
1811	9185	9424	9564	9904	0144	0383	0623	0863	1103	1343	4 96
12	258 1582	1822	2061	2301	2541	2780	3020	3259	3499	3738	5 120
13	3978	4218	4457	4697	4936	8178	8415	8655	8894	8133	6 144
14	8373	8512	8852	7091	7330	7670	7809	8048	8288	8527	7 168
15	8766	9005	9245	9484	9723	9953	0202	0441	0680	0919	8 192
16	259 1156	1398	1837	1876	2116	2354	2593	2832	6071	3310	9 216
17	3543	3788	4027	4266	4505	4744	4983	5222	5461	5700	
18	8939	8178	6417	8655	8894	7133	7372	7811	7849	8088	
19	6327	8566	8804	9043	9282	9521	9759	9998	0237	0475	
20	260 0714	0952	1191	1430	1868	1907	2148	2384	2622	2861	
1821	3099	3338	3578	3818	4052	4292	4530	4769	6007	5243	
22	5484	8722	8960	8199	6437	6675	6914	7152	7390	7828	
23	7657	8105	8343	8581	6820	8038	9296	9534	9772	0010	
24	261 0248	0486	0725	0963	1201	1438	1677	1915	2133	2391	238
25	2629	2867	3105	3343	3580	3818	4056	4294	4532	4770	1 24
26	6006	8246	8483	8721	6959	6197	8435	6672	8910	7148	2 48
27	7365	7023	7881	8099	8338	6574	8811	9049	9287	9524	3 72
28	9762	9999	0237	0475	0712	0950	1187	1425	1662	1900	4 96
29	262 2137	2374	2812	2849	3087	3324	6562	3700	4036	4274	5 120
30	4511	4748	4986	6223	6460	8697	8935	6173	6409	6646	6 144
1831	6883	7121	7358	7595	7832	8069	8306	8543	8781	9018	7 168
32	9255	9492	9729	9966	0203	0440	0677	0914	1151	1388	8 192
33	263 1625	1862	2098	2335	2572	2809	3048	8283	3520	8757	
34	3993	4230	4467	4704	4940	6177	5414	6651	6887	8124	
35	8361	8697	5834	7071	7307	7544	7780	8017	8254	8490	
36	8727	8963	9200	9436	9673	9909	0146	0382	0619	0855	
37	264 1092	1328	1564	1801	2037	2273	2510	2746	2982	3219	
38	3455	3691	3928	4164	4400	4635	4873	5109	6345	5581	
39	8817	6053	6290	8528	6762	8996	7234	7470	7706	7942	
40	8178	8414	8650	8886	9123	9358	9594	9830	0066	0302	238
1841	265 0536	0774	1010	1246	1481	1717	1953	2189	2425	2660	1 24
42	2898	3132	3368	3604	3839	4075	4311	4848	4782	5018	2 47
43	5253	5489	5725	5960	6196	6431	6867	8903	7138	7374	3 71
44	7809	7845	8080	6316	8551	8787	9022	9257	9493	9728	4 94
45	9954	0199	0434	0670	0905	1140	1376	1611	1846	2082	5 118
46	268 2317	2552	2787	3023	3258	3493	3728	3963	4199	4434	6 142
47	4869	4904	5139	8374	6509	8644	6080	6315	6550	6785	7 166
48	7020	7255	7490	7725	7960	8195	8429	8564	8899	9134	8 189
49	9369	9504	9839	0674	0309	0543	0778	1013	1248	1483	9 212
1850	267 1717	1952	2187	2421	2856	2991	3126	3360	3598	8830	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
1850	267 1717	1952	2187	2421	2656	2891	3126	3360	3595	3830	
51	4064	4299	4533	4768	5003	5237	5472	5706	5941	6175	
52	6410	6644	6879	7113	7348	7582	7817	8051	8285	8520	
53	8754	8989	9223	9457	9692	9926	0160	0394	0629	0863	
54	268 1097	1332	1566	1800	2034	2268	2503	2737	2971	3205	234
55	3439	3673	3907	4141	4376	4610	4844	5078	5312	5546	1 23
56	5780	6014	6248	6482	6716	6950	7183	7417	7651	7885	2 47
57	8119	8353	8587	8821	9054	9288	9522	9756	9990	0223	3 70
58	269 0457	0691	0925	1158	1392	1626	1859	2093	2327	2560	4 94
59	2794	3028	3261	3495	3728	3962	4195	4429	4662	4896	5 117
60	5129	5363	5596	5830	6063	6297	6530	6764	6997	7230	6 140
1861	7464	7697	7930	8164	8397	8630	8864	9097	9330	9564	7 164
62	9797	0030	0263	0496	0730	0963	1196	1429	1662	1895	8 187
63	270 2129	2362	2595	2828	3061	3294	3527	3760	3993	4226	9 211
64	4459	4692	4925	5158	5391	5624	5857	6090	6323	6555	
65	6788	7021	7254	7487	7720	7953	8185	8418	8651	8884	
66	9116	9349	9582	9815	0047	0280	0513	0745	0978	1211	
67	271 1443	1676	1908	2141	2374	2606	2839	3071	3304	3536	
68	3769	4001	4234	4466	4699	4931	5163	5396	5628	5861	
69	6093	6325	6558	6790	7022	7255	7487	7719	7952	8184	
70	8416	8648	8881	9113	9345	9577	9809	0041	0274	0506	232
1871	272 0738	0970	1202	1434	1666	1898	2130	2362	2594	2826	1 23
72	3058	3290	3522	3754	3986	4218	4450	4682	4914	5146	2 46
73	5378	5610	5841	6073	6305	6537	6769	7001	7232	7464	3 70
74	7696	7928	8159	8391	8623	8854	9086	9318	9549	9781	4 93
75	273 0013	0244	0476	0708	0939	1171	1402	1634	1865	2097	5 116
76	2328	2560	2791	3023	3254	3486	3717	3949	4180	4411	6 139
77	4643	4874	5105	5337	5568	5799	6031	6262	6493	6725	7 162
78	6956	7187	7418	7650	7881	8112	8343	8574	8806	9037	8 186
79	9268	9499	9730	9961	0192	0423	0654	0885	1116	1347	9 209
80	274 1578	1809	2040	2271	2502	2733	2964	3195	3426	3657	
1881	3888	4119	4350	4581	4811	5042	5273	5504	5735	5965	
82	6196	6427	6658	6888	7119	7350	7581	7811	8042	8273	
83	8503	8734	8964	9195	9426	9656	9887	0117	0348	0578	
84	275 0809	1039	1270	1500	1731	1961	2192	2422	2653	2883	
85	3114	3344	3574	3805	4035	4265	4496	4726	4956	5187	
86	5417	5647	5877	6108	6338	6568	6798	7028	7259	7489	
87	7719	7949	8179	8409	8640	8870	9100	9330	9560	9790	
88	276 0020	0250	0480	0710	0940	1170	1400	1630	1860	2090	
89	2320	2549	2779	3009	3239	3469	3699	3929	4158	4388	
90	4618	4848	5078	5307	5537	5767	5997	6226	6456	6686	230
1891	6915	7145	7375	7604	7834	8063	8293	8523	8752	8982	1 23
92	9211	9441	9670	9900	0129	0359	0588	0818	1047	1277	2 46
93	277 1506	1736	1965	2194	2424	2653	2882	3112	3341	3570	3 69
94	3800	4029	4258	4486	4717	4946	5175	5405	5634	5863	4 92
95	6092	6321	6550	6780	7009	7238	7467	7696	7925	8154	5 115
96	8383	8612	8841	9070	9299	9528	9757	9986	0215	0444	6 138
97	278 0673	0902	1131	1360	1589	1818	2047	2276	2504	2733	7 161
98	2962	3191	3420	3648	3877	4106	4335	4564	4792	5021	8 184
99	5250	5478	5707	5936	6164	6393	6622	6850	7079	7307	9 207
1900	7536	7765	7993	8222	8450	8679	8907	9136	9364	9593	

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1900	2787556	7765	7993	8222	8450	8879	8907	9136	9364	9593	
01	9821	0050	0278	0506	0735	0963	1192	1420	1648	1877	
02	2792105	2333	2562	2790	3018	3247	3475	3703	3931	4160	
03	4388	4616	4844	5072	5301	5529	5757	5985	6213	6441	
04	6669	6898	7126	7354	7682	7810	8036	8266	8494	8722	
05	8950	9178	9406	9634	9862	0090	0317	0545	0773	1001	228
06	2801229	1457	1685	1912	2140	2368	2598	2824	3051	3279	1 23
07	3507	3735	3962	4190	4418	4645	4873	5101	5328	5556	2 46
08	5784	6011	6239	6467	6694	6922	7149	7377	7604	7832	3 69
09	8059	8287	8514	8742	8969	9197	9424	9651	9879	0106	4 91
10	2810334	0561	0788	1018	1243	1470	1698	1925	2152	2380	5 116
1911	2607	2834	3061	3289	3518	3748	3970	4197	4425	4652	6 137
12	4879	5106	5333	5560	5787	6014	6242	6469	6696	6923	7 160
13	7150	7377	7604	7831	8058	8285	8512	8739	8966	9192	8 183
14	9419	9646	9873	0100	0327	0554	0781	1007	1234	1461	9 206
15	2821688	1915	2141	2368	2595	2822	3048	3275	3502	3728	227
16	3955	4182	4408	4635	4862	5088	5316	5541	5768	5995	1 23
17	6221	6448	6674	6901	7127	7354	7580	7807	8033	8260	2 45
18	8488	8712	8939	9165	9392	9618	9844	0071	0297	0523	3 68
19	2830750	0976	1202	1429	1655	1681	2107	2334	2560	2786	4 90
20	3012	3238	3465	3691	3917	4143	4369	4595	4821	5048	5 115
1921	6274	6500	6728	6952	8178	8404	8630	8856	9082	9308	6 136
22	7534	7760	7986	8212	8438	8663	8889	9115	9341	9567	7 158
23	9793	0019	0245	0470	0696	0922	1148	1373	1599	1825	8 181
24	2842051	2276	2502	2728	2958	3179	3405	3630	3858	4082	9 204
25	4307	4533	4759	4984	5210	5435	5661	5888	6112	6337	228
26	6683	6788	7014	7239	7466	7690	7916	8141	8366	8592	1 23
27	8817	9043	9268	9493	9719	9944	0169	0394	0620	0845	2 45
28	2851070	1296	1521	1748	1871	2198	2422	2647	2872	3097	3 68
29	2322	2547	2773	2998	3228	3446	3678	3896	4123	4348	4 90
30	6573	6798	6923	7148	7373	7598	7823	8048	8273	8498	5 115
1931	7823	8048	8273	8497	8722	8947	9172	9397	9622	9846	6 136
32	2860071	0298	0521	0748	0970	1195	1420	1644	1869	2094	7 158
33	2319	2543	2768	2993	3217	3442	3666	3891	4116	4340	8 181
34	4585	4789	5014	5238	5463	5687	5912	6136	6361	6585	9 203
35	6810	7034	7259	7483	7707	7932	8156	8381	8605	8829	224
36	9054	9278	9502	9726	9951	0175	0399	0624	0848	1072	1 22
37	2871296	1520	1745	1969	2193	2417	2641	2865	3090	3314	2 45
38	8588	2762	3988	4210	4434	4658	4882	5108	5330	5554	3 68
39	5778	8003	8228	8450	8674	6898	7122	7346	7570	7793	4 90
40	8017	8241	8465	8689	8913	9136	9360	9584	9808	0032	5 115
1941	2880355	0479	0703	0927	1150	1374	1598	1821	2045	2269	6 136
42	2492	2716	2939	3168	3387	3610	3834	4057	4281	4504	7 158
43	4728	4952	5175	5399	5622	5845	6069	6292	6516	6739	8 181
44	6963	7186	7409	7633	7858	8079	8303	8526	8749	8973	9 203
45	9196	9419	9643	9866	0089	0312	0536	0759	0982	1205	224
46	2891478	1652	1875	2098	2321	2544	2767	2990	3213	3436	1 22
47	3660	3883	4108	4329	4552	4775	4998	5221	5444	5667	2 45
48	6890	8112	8335	8558	8781	7004	7227	7450	7673	7896	3 68
49	8118	8341	8564	8787	9010	9232	9455	9678	9901	0123	4 90
1950	2900348	0569	0792	1014	1237	1460	1682	1905	2127	2350	5 115

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1950	2900346	0569	0792	1014	1237	1460	1682	1905	2127	2350	
51	2573	2795	3018	3240	3463	3686	3908	4131	4353	4576	
52	4798	5021	5243	5466	5688	5910	6133	6355	6578	6800	
53	7022	7245	7467	7690	7912	8134	8356	8579	8801	9023	
54	9246	9468	9690	9912	0135	0357	0579	0801	1023	1245	222
55	2911468	1690	1912	2134	2356	2578	2800	3022	3244	3466	1 22
56	3689	3911	4133	4355	4577	4799	5020	5242	5464	5686	2 44
57	5908	6130	6352	6574	6796	7018	7240	7461	7683	7905	3 67
58	8127	8349	8570	8792	9014	9236	9458	9679	9901	0123	4 89
59	2920344	0566	0788	1009	1231	1453	1674	1896	2118	2339	5 111
60	2561	2782	3004	3225	3447	3668	3890	4111	4333	4554	6 123
1961	4776	4997	5219	5440	5662	5883	6105	6326	6547	6769	7 155
62	6990	7211	7433	7654	7875	8097	8318	8539	8760	8982	8 176
63	9203	9424	9645	9867	0088	0309	0530	0751	0973	1194	9 200
64	2931416	1636	1857	2078	2299	2520	2741	2962	3183	3405	221
65	3626	3847	4068	4289	4510	4730	4951	5172	5393	5614	1 23
66	5835	6056	6277	6498	6719	6940	7160	7381	7602	7823	2 44
67	8044	8264	8485	8706	8927	9147	9368	9589	9810	0030	3 66
68	2940251	0472	0692	0913	1134	1354	1575	1795	2016	2237	4 85
69	2457	2678	2898	3119	3339	3560	3780	4001	4221	4442	5 111
70	4662	4883	5103	5324	5544	5764	5985	6205	6426	6646	6 133
1971	6866	7087	7307	7527	7748	7968	8188	8408	8629	8849	7 154
72	9069	9289	9510	9730	9950	0170	0390	0610	0831	1051	8 177
73	2951271	1491	1711	1931	2151	2371	2591	2811	3031	3251	9 199
74	3471	3691	3911	4131	4351	4571	4791	5011	5231	5451	224
75	5671	5891	6111	6331	6550	6770	6990	7210	7430	7650	1 22
76	7869	8089	8309	8529	8748	8968	9188	9408	9627	9847	2 44
77	2960067	0286	0506	0726	0945	1165	1385	1604	1824	2043	3 66
78	2263	2482	2702	2922	3141	3361	3580	3800	4019	4238	4 88
79	4458	4677	4897	5116	5336	5555	5774	5994	6213	6433	5 110
80	6652	6871	7091	7310	7529	7748	7968	8187	8406	8626	6 131
1981	8845	9064	9283	9502	9722	9941	0160	0379	0598	0817	7 154
82	2971037	1256	1475	1694	1913	2132	2351	2570	2789	3008	8 176
83	3227	3446	3665	3884	4103	4322	4541	4760	4979	5198	9 198
84	5417	5636	5854	6073	6292	6511	6730	6949	7168	7386	1 22
85	7605	7824	8043	8261	8480	8699	8918	9136	9355	9574	2 44
86	9792	0011	0230	0448	0667	0886	1104	1323	1542	1760	3 66
87	2981979	2197	2416	2634	2853	3071	3290	3508	3727	3945	4 88
88	4164	4382	4601	4819	5038	5256	5474	5693	5911	6129	5 110
89	6348	6566	6785	7003	7221	7439	7658	7876	8094	8313	6 131
90	8531	8749	8967	9185	9404	9622	9840	0058	0276	0494	7 154
1991	2990713	0931	1149	1367	1585	1803	2021	2239	2457	2675	8 176
92	2893	3111	3329	3547	3765	3983	4201	4419	4637	4855	9 197
93	5073	5291	5509	5727	5945	6162	6380	6598	6816	7034	218
94	7252	7469	7687	7905	8123	8340	8558	8776	8994	9211	1 22
95	9429	9647	9864	0082	0300	0517	0735	0953	1170	1388	2 44
96	3001605	1823	2041	2258	2476	2693	2911	3128	3346	3563	3 66
97	3781	3998	4216	4433	4650	4868	5085	5303	5520	5737	4 87
98	5955	6172	6390	6607	6824	7042	7259	7476	7693	7911	5 109
99	8128	8345	8562	8780	8997	9214	9431	9648	9866	0083	6 131
2000	3010500	0517	0734	0951	1168	1386	1603	1820	2037	2254	7 153

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2000	8010300	0517	0734	0951	1168	1366	1603	1820	2037	2254	
01	2471	2688	2905	3122	3339	3536	3773	3990	4207	4424	217
02	4841	4658	5073	5291	5508	5725	5942	6159	6376	6593	1 22
03	6809	7026	7243	7460	7677	7893	8110	8327	8544	8760	2 43
04	8977	9194	9411	9627	9844	0051	0277	0494	0711	0927	3 65
05	8021144	1360	1677	1794	2010	2227	2443	2660	2876	3093	4 87
06	3309	3526	3742	3959	4175	4392	4606	4825	5041	5257	5 109
07	5474	5690	5906	6123	6339	6556	6772	6986	7204	7421	6 120
08	7637	7853	8070	8286	8502	8718	8935	9151	9367	9583	7 152
09	9799	0016	0232	0448	0664	0880	1096	1312	1528	1745	8 174
10	8031961	2177	2393	2609	2825	3041	3257	3473	3689	3905	9 285
2011	4121	4337	4553	4769	4984	5200	5416	5632	5846	6064	216
12	6280	6496	6711	6927	7143	7359	7575	7790	8008	8222	1 22
13	8436	8653	8869	9088	9301	9516	9732	9946	0163	0379	2 43
14	8040595	0810	1026	1242	1457	1673	1888	2104	2319	2535	3 65
15	2761	2966	3182	3397	3613	3828	4043	4259	4474	4690	4 86
16	4903	5121	5336	5552	5767	5962	6196	6413	6626	6844	5 108
17	7059	7274	7490	7705	7920	8135	8351	8566	8781	8998	6 120
18	9212	9427	9642	9857	0072	0288	0503	0718	0933	1148	7 151
19	8051363	1578	1793	2008	2224	2439	2654	2869	3084	3299	8 173
20	3514	3729	3944	4159	4374	4588	4803	5018	5233	5446	9 194
2021	6663	5873	6093	6308	6523	6737	6952	7167	7382	7597	215
22	7812	8026	8241	8456	8671	8885	9100	9315	9529	9744	1 22
23	9959	0174	0388	0603	0817	1032	1247	1461	1676	1891	2 43
24	8089105	9320	2534	2749	2963	3178	3392	3607	3821	4036	3 65
25	4250	4465	4679	4894	5108	5322	5537	5751	5966	6180	4 86
26	6394	6609	6823	7037	7252	7466	7680	7895	8109	8323	5 108
27	8537	8762	8966	9180	9394	9608	9823	0037	0251	0465	6 120
28	3070680	0694	1106	1322	1636	1760	1964	2176	2392	2606	7 151
29	2620	2025	3249	3463	3677	3891	4105	4319	4532	4746	8 173
30	4960	6174	6368	5602	5816	6020	6244	6458	6672	6885	9 194
2031	7099	7313	7527	7741	7954	8166	8382	8596	8810	9023	214
32	9237	9451	9664	9878	0092	0306	0519	0733	0947	1160	1 21
33	8081374	1587	1801	2015	2226	2442	2655	2869	3082	3296	2 43
34	8509	3723	3936	4150	4363	4577	4790	5004	5217	5431	3 65
35	6644	6656	6071	6284	6498	6711	6924	7136	7351	7564	4 86
36	7778	7991	6204	8418	8631	8844	9057	9271	9464	9697	5 108
37	9910	0123	0337	0550	0763	0976	1189	1402	1616	1829	6 120
38	8092042	2255	2468	2681	2894	3107	3320	3533	3746	3959	7 151
39	4172	4385	4596	4811	5024	5237	5450	5666	5878	6089	8 173
40	6302	6515	6727	6940	7153	7366	7579	7792	8004	8217	9 194
2041	8430	8643	6856	9068	9281	9494	9707	9919	0132	0345	213
42	8100557	0770	0962	1195	1406	1621	1833	2046	2258	2471	1 21
43	2684	2896	3109	3321	3534	3746	3959	4171	4384	4596	2 43
44	4809	5021	5234	5446	5659	5871	6084	6296	6508	6721	3 65
45	6933	7145	7358	7570	7783	7995	8207	8419	8632	8844	4 86
46	8058	8269	8481	8693	8905	9117	9328	9539	9751	9962	5 108
47	8111178	1291	1603	1816	2027	2239	2451	2663	2875	3087	6 120
48	3300	3512	3724	3936	4148	4360	4572	4784	4998	5208	7 151
49	6420	6632	5843	6053	6267	6479	6691	6903	7115	7327	8 173
3050	7539	7760	7962	8174	8366	8598	8810	9021	9233	9445	9 194

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2050	311 7539	7750	7962	8174	8386	8598	8810	9021	9233	9445	
51	9657	9868	0080	0292	0504	0715	0927	1139	1350	1562	
52	312 1774	1985	2197	2408	2620	2832	3043	3255	3466	3678	
53	3889	4101	4313	4524	4736	4947	5159	5370	5581	5793	
54	6004	6216	6427	6639	6850	7061	7273	7484	7696	7907	
55	8118	8330	8541	8752	8964	9175	9386	9597	9809	0020	211
56	313 0231	0442	0654	0865	1076	1287	1498	1709	1921	2132	1 21
57	2343	2554	2765	2976	3187	3398	3610	3821	4032	4243	2 42
58	4454	4665	4876	5087	5298	5509	5720	5931	6142	6353	3 63
59	6563	6774	6985	7196	7407	7618	7829	8040	8251	8461	4 84
60	8672	8883	9094	9305	9516	9726	9937	0148	0358	0569	5 106
2061	314 0780	0991	1201	1412	1623	1833	2044	2255	2465	2676	6 127
62	2887	3097	3308	3518	3729	3940	4150	4361	4571	4782	7 148
63	4992	5203	5413	5624	5834	6045	6255	6466	6676	6887	8 169
64	7097	7307	7518	7728	7939	8149	8359	8570	8780	8990	9 190
65	9201	9411	9621	9831	0042	0252	0462	0672	0883	1093	
66	315 1303	1513	1724	1934	2144	2354	2564	2774	2985	3195	210
67	3405	3615	3825	4035	4245	4455	4665	4875	5085	5295	1 21
68	5505	5715	5925	6135	6345	6555	6765	6975	7185	7395	2 42
69	7605	7815	8025	8235	8444	8654	8864	9074	9284	9494	3 63
70	9703	9913	0123	0333	0543	0752	0962	1172	1382	1591	4 84
2071	316 1801	2011	2220	2430	2640	2849	3059	3269	3478	3688	5 105
72	3893	4107	4317	4526	4736	4945	5155	5364	5574	5784	6 126
73	5993	6203	6412	6621	6831	7040	7250	7459	7669	7878	7 147
74	8088	8297	8506	8716	8925	9134	9344	9553	9762	9972	8 168
75	317 0181	0390	0600	0809	1018	1227	1437	1646	1855	2064	9 189
76	2273	2483	2692	2901	3110	3319	3528	3738	3947	4156	
77	4365	4574	4783	4992	5201	5410	5619	5828	6037	6246	209
78	6455	6664	6873	7082	7291	7500	7709	7918	8127	8336	1 21
79	8545	8754	8963	9172	9380	9589	9798	0007	0216	0425	2 42
80	318 0633	0842	1051	1260	1468	1677	1886	2095	2303	2512	3 63
2081	2721	2929	3138	3347	3556	3764	3973	4181	4390	4599	4 84
82	4807	5016	5224	5433	5642	5850	6059	6267	6476	6684	5 105
83	6893	7101	7310	7518	7727	7935	8143	8352	8560	8769	6 125
84	8977	9186	9394	9602	9811	0019	0227	0436	0644	0852	7 146
85	319 1061	1269	1477	1685	1894	2102	2310	2518	2727	2935	8 167
86	3143	3351	3559	3768	3976	4184	4392	4600	4808	5016	9 188
87	5224	5433	5641	5849	6057	6265	6473	6681	6889	7097	
88	7305	7513	7721	7929	8137	8345	8553	8761	8969	9176	208
89	9384	9592	9800	0008	0216	0424	0632	0839	1047	1255	1 21
90	320 1463	1671	1878	2086	2294	2502	2709	2917	3125	3333	2 42
2091	3540	3743	3956	4163	4371	4579	4786	4994	5202	5409	3 62
92	5617	5824	6032	6240	6447	6655	6862	7070	7277	7485	4 83
93	7692	7900	8107	8315	8522	8730	8937	9145	9352	9559	5 104
94	9767	9974	0182	0389	0596	0804	1011	1218	1426	1633	6 125
95	321 1840	2048	2255	2462	2669	2877	3084	3291	3498	3706	7 146
96	3913	4120	4327	4534	4742	4949	5156	5363	5570	5777	8 166
97	5984	6191	6398	6606	6813	7020	7227	7434	7641	7848	9 187
98	8055	8262	8469	8676	8883	9090	9297	9504	9711	9917	
99	322 0124	0331	0538	0745	0952	1159	1366	1572	1779	1986	
2100	2193	2400	2607	2813	3020	3227	3434	3640	3847	4054	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
2100	822	2193	2400	2607	2813	3020	3227	3434	3640	3847	4054
01	4261	4467	4674	4881	5087	5294	5501	5707	5914	6121	
02	6327	6534	6740	6947	7153	7360	7567	7773	7980	8186	
03	8393	8599	8806	9012	9219	9425	9632	9838	0045	0251	
04	323	0457	0664	0870	1077	1283	1489	1696	1902	2108	2315
05	2521	2727	2934	3140	3348	3552	3759	3965	4171	4377	
06	4584	4790	4996	5202	5408	5615	5821	6027	6233	6439	
07	6645	6851	7058	7264	7470	7678	7882	8088	8294	8500	
08	8706	8912	9118	9324	9530	9738	9942	0148	0354	0560	206
09	824	0766	0972	1178	1384	1589	1795	2001	2207	2413	1 21
10	2825	3030	3236	3442	3648	3854	4059	4265	4471	4677	2 41
2111	4882	5088	5294	5499	5705	5911	6117	6322	6528	6734	3 62
12	6939	7145	7350	7556	7762	7967	8173	8378	8584	8789	4 82
13	8995	9201	9406	9612	9817	0023	0228	0433	0639	0844	5 103
14	325	1050	1255	1461	1666	1872	2077	2282	2488	2693	6 123
15	3104	3309	3514	3720	3925	4130	4336	4541	4748	4951	7 144
16	3157	6362	6567	6772	6978	7183	7388	7593	7798	7003	8 166
17	7209	7414	7619	7824	8029	8234	8439	8644	8849	9055	9 185
18	9260	9465	9670	9875	0080	0285	0490	0695	0900	1105	205
19	328	1310	1516	1719	1924	2129	2334	2539	2744	2949	1 21
20	3359	8583	8788	8993	9198	9403	9608	9812	1007	5202	2 41
2121	5407	5611	5816	6021	6226	6430	6635	6840	7044	7249	3 62
22	7454	7658	7863	8068	8272	8477	8682	8888	9091	9295	4 82
23	9500	9705	9909	0114	0318	0523	0727	0932	1136	1341	5 103
24	327	1545	1750	1954	2158	2363	2567	2772	2976	3181	6 123
25	3589	3794	3998	4202	4407	4611	4815	5020	5224	5428	7 144
26	5833	5837	6041	6245	6450	6654	6858	7062	7267	7471	8 165
27	7673	7879	8083	8287	8492	8696	8900	9104	9308	9512	
28	9718	9920	0124	0328	0533	0737	0941	1145	1349	1553	204
29	328	1757	1961	2165	2369	2572	2776	2980	3184	3388	1 20
30	3798	4000	4204	4408	4612	4816	5019	5223	5427	5631	2 41
2131	8834	8038	8242	8446	8650	8853	9057	9261	9465	9668	3 61
32	7872	8078	8279	8483	8687	8890	9094	9298	9501	9705	4 82
33	9909	0112	0316	0519	0723	0926	1130	1334	1537	1741	5 103
34	329	1944	2148	2351	2555	2758	2962	3165	3369	3572	6 123
35	3979	4182	4386	4589	4792	4995	5199	5402	5605	5809	7 143
36	6012	6216	6419	6622	6825	7029	7232	7435	7639	7842	8 163
37	8045	8248	8452	8655	8858	9061	9264	9468	9671	9874	9 184
38	330	0077	0280	0483	0686	0889	1093	1296	1499	1702	203
39	2108	2311	2514	2717	2920	3123	3326	3529	3732	3935	1 20
40	4138	4341	4544	4747	4949	5152	5355	5558	5761	5964	2 41
2141	6187	6370	6572	6773	6973	7181	7384	7588	7789	7992	3 61
42	8195	8397	8600	8803	9006	9208	9411	9614	9818	0019	4 81
43	831	0222	0424	0627	0830	1032	1235	1437	1640	1843	5 102
44	2248	2450	2653	2855	3058	3261	3463	3668	3868	4070	6 122
45	4273	4475	4678	4880	5083	5285	5488	5690	5892	6095	7 142
46	8297	6500	6702	6904	7107	7309	7511	7714	7916	8118	8 162
47	8320	8523	8725	8927	9129	9332	9534	9736	9938	0141	9 183
48	332	0343	0545	0747	0949	1151	1354	1558	1760	1962	
49	2364	2568	2768	2970	3172	3374	3577	3779	3981	4183	
2150	4385	4587	4789	4991	5193	5394	5598	5798	6000	6202	

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2150	332 4385	4587	4789	4991	5193	5394	5596	5798	6000	6202	202
51	6404	6606	6808	7010	7212	7414	7615	7817	8019	8221	1 20
52	8423	8624	8826	9028	9230	9432	9633	9835	0037	0239	2 40
53	333 0440	0642	0844	1045	1247	1449	1650	1852	2054	2255	3 61
54	2457	2659	2860	3062	3263	3465	3667	3868	4070	4271	4 81
55	4473	4674	4876	5077	5279	5480	5682	5883	6085	6286	5 101
56	6488	6689	6890	7092	7293	7495	7696	7897	8099	8300	6 121
57	8501	8703	8904	9105	9307	9508	9709	9911	0112	0313	7 141
58	334 0514	0716	0917	1118	1319	1521	1722	1923	2124	2325	8 162
59	2526	2728	2929	3130	3331	3532	3733	3934	4135	4336	9 182
60	4538	4739	4940	5141	5342	5543	5744	5945	6146	6347	201
2161	6548	6749	6950	7151	7351	7552	7753	7954	8155	8356	1 20
62	8557	8758	8959	9159	9360	9561	9762	9963	0164	0364	2 40
63	335 0565	0766	0967	1168	1368	1569	1770	1970	2171	2372	3 60
64	2573	2773	2974	3175	3375	3576	3777	3977	4178	4378	4 80
65	4579	4780	4980	5181	5381	5582	5782	5983	6183	6384	5 101
66	6585	6785	6986	7186	7386	7587	7787	7988	8188	8389	6 121
67	8589	8790	8990	9190	9391	9591	9791	9992	0192	0392	7 141
68	336 0593	0793	0993	1194	1394	1594	1795	1995	2195	2395	8 161
69	2596	2796	2996	3196	3396	3597	3797	3997	4197	4397	9 181
70	4597	4797	4998	5198	5398	5598	5798	5998	6198	6398	
2171	6598	6798	6998	7198	7398	7598	7798	7998	8198	8398	200
72	8598	8798	8998	9198	9398	9598	9798	9998	0198	0397	1 20
73	337 0597	0797	0997	1197	1397	1596	1796	1996	2196	2396	2 40
74	2595	2795	2995	3195	3394	3594	3794	3994	4193	4393	3 60
75	4593	4792	4992	5192	5391	5591	5791	5990	6190	6389	4 80
76	6589	6788	6988	7188	7387	7587	7786	7986	8185	8385	5 100
77	8584	8784	8983	9183	9382	9582	9781	9981	0180	0379	6 120
78	338 0579	0778	0978	1177	1376	1576	1775	1974	2174	2373	7 140
79	2572	2772	2971	3170	3369	3569	3768	3967	4166	4366	8 160
80	4565	4764	4963	5163	5362	5561	5760	5959	6158	6358	9 180
2181	6557	6756	6955	7154	7353	7552	7751	7950	8149	8348	199
82	8547	8746	8946	9145	9344	9543	9742	9940	0139	0338	1 20
83	339 0537	0736	0935	1134	1333	1532	1731	1930	2129	2327	2 40
84	2526	2725	2924	3123	3322	3520	3719	3918	4117	4316	3 60
85	4514	4713	4912	5111	5309	5508	5707	5906	6104	6303	4 80
86	6502	6700	6899	7098	7296	7495	7693	7892	8091	8289	5 100
87	8488	8686	8885	9084	9282	9481	9679	9878	0076	0275	6 119
88	340 0473	0672	0870	1069	1267	1466	1664	1862	2061	2259	7 139
89	2458	2656	2854	3053	3251	3449	3648	3846	4045	4243	8 159
90	4441	4639	4838	5036	5234	5433	5631	5829	6027	6226	9 179
2191	6424	6622	6820	7018	7217	7415	7613	7811	8009	8207	
92	8405	8604	8802	9000	9198	9396	9594	9792	9990	0188	198
93	341 0386	0584	0782	0980	1178	1376	1574	1772	1970	2168	1 20
94	2366	2564	2762	2960	3158	3356	3554	3752	3950	4147	2 40
95	4345	4543	4741	4939	5137	5334	5532	5730	5928	6126	3 59
96	6323	6521	6719	6917	7114	7312	7510	7708	7905	8103	4 79
97	8301	8498	8696	8894	9091	9289	9486	9684	9882	0079	5 99
98	342 0277	0474	0672	0870	1067	1265	1462	1660	1857	2055	6 119
99	2252	2450	2647	2845	3042	3240	3437	3635	3832	4029	7 139
2200	4227	4424	4622	4819	5016	5214	5411	5608	5806	6003	8 158
											9 178

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2200	342	4227	4424	4622	4819	5016	5214	5411	5608	5806	6003	
01	6200	6398	6595	6792	6990	7187	7384	7581	7779	7976		
02	8173	8370	8568	8765	8962	9159	9356	9554	9751	9948		
03	843	0145	0342	0539	0736	0933	1131	1328	1525	1722	1919	
04	2116	2313	2510	2707	2904	3101	3298	3495	3692	3889		197
05	4038	4235	4430	4627	4824	5021	5218	5415	5612	5809		1 20
06	6055	6252	6449	6646	6842	7039	7236	7433	7630	7827		2 39
07	8033	8220	8417	8614	8810	9007	9204	9401	9597	9794		3 59
08	9991	0187	0384	0581	0777	0974	1171	1367	1564	1761		4 19
09	844	1957	2154	2350	2547	2743	2940	3137	3333	3530	3726	5 69
10	3923	4119	4316	4512	4709	4905	5102	5298	5495	5691		6 113
2211	5887	6084	6280	6477	6673	6869	7066	7262	7459	7655		7 158
12	7851	8048	8244	8440	8638	8833	9029	9225	9422	9618		8 177
13	9814	0010	0207	0403	0599	0795	0991	1188	1384	1580		
14	345	1776	1972	2168	2365	2561	2757	2953	3149	3345	3541	186
15	3737	3933	4129	4325	4522	4718	4914	5110	5305	5502		1 20
16	5698	5894	6090	6285	6481	6677	6873	7069	7265	7461		2 39
17	7657	7853	8049	8245	8440	8638	8832	9028	9224	9420		3 59
18	9615	9811	0007	0203	0399	0594	0790	0986	1182	1377		4 79
19	848	1573	1769	1964	2160	2356	2551	2747	2943	3138	3334	5 98
20	3530	3725	3921	4117	4312	4508	4703	4899	5094	5290		6 118
2221	6486	6681	6877	7072	7268	7463	7659	7854	8050	8245		7 137
22	7441	7636	7831	8027	8222	8418	8613	8808	9004	9199		8 167
23	9395	9590	9785	9981	0176	0371	0567	0762	0957	1153		9 178
24	347	1346	1543	1738	1934	2129	2324	2519	2715	2910	3105	
25	3300	3493	3691	3886	4081	4276	4471	4665	4851	5046		
26	5252	5447	5642	5837	6032	6227	6422	6617	6812	7007		195
27	7203	7397	7592	7787	7982	8177	8372	8567	8762	8957		1 90
28	9152	9347	9542	9737	9931	0126	0321	0516	0711	0906		2 39
29	345	1101	1296	1490	1685	1880	2075	2270	2464	2659	2854	3 69
30	3049	3243	3438	3633	3826	4022	4217	4412	4608	4801		4 78
2231	4996	5190	5385	5580	5774	5969	6164	6358	6553	6747		5 93
32	6942	7136	7331	7526	7720	7916	8109	8304	8498	8693		6 117
33	8887	9082	9278	9471	9665	9860	0054	0248	0443	0637		7 137
34	349	0832	1028	1220	1415	1609	1804	1998	2192	2387	2581	8 155
35	2775	2970	3164	3358	3552	3747	3941	4135	4330	4524		9 176
36	4718	4912	5106	5301	5495	5689	5883	6077	6272	6466		
37	6650	6854	7048	7242	7436	7630	7825	8019	8213	8407		
38	8601	8795	8989	9183	9377	9571	9765	9959	0153	0347		
39	350	0541	0735	0929	1123	1317	1511	1705	1898	2092	2286	194
40	2480	2674	2868	3062	3256	3449	3643	3837	4031	4225		1 19
2241	4419	4612	4806	5000	5194	5387	5581	5775	5969	6162		2 39
42	6358	6550	6743	6937	7131	7325	7518	7712	7905	8099		3 58
43	8293	8486	8680	8874	9067	9261	9454	9648	9841	0035		4 78
44	351	0229	0422	0616	0809	1003	1196	1390	1583	1777	1970	5 87
45	2163	2357	2550	2744	2937	3131	3324	3517	3711	3904		6 116
46	4098	4291	4484	4678	4871	5064	5258	5451	5644	5837		7 136
47	5031	5224	5417	5611	5804	5997	6190	6383	6577	6770		8 155
48	7963	8158	8349	8543	8736	8929	9122	9315	9508	9701		9 175
49	9895	0088	0281	0474	0667	0860	1053	1246	1439	1632		
2250	352	1825	2018	2211	2404	2597	2790	2983	3176	3369	3562	193

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2250	352	1825	2018	2211	2404	2597	2790	2983	3176	3369	3562	193
51	3755	3948	4141	4334	4527	4720	4912	5105	5298	5491	5684	1 19
52	5684	5877	6070	6262	6455	6648	6841	7034	7226	7419	7612	2 39
53	7612	7805	7997	8190	8383	8576	8768	8961	9154	9346	9539	3 58
54	9539	9732	9924	0117	0310	0502	0695	0888	1080	1273	1466	4 77
55	353	1465	1658	1851	2043	2236	2428	2621	2813	3006	3198	5 97
56	3391	3583	3776	3968	4161	4353	4546	4738	4931	5123	5316	6 116
57	5316	5508	5700	5893	6085	6278	6470	6662	6855	7047	7240	7 135
58	7239	7432	7624	7816	8009	8201	8393	8586	8778	8970	9163	8 154
59	9162	9355	9547	9739	9931	0123	0316	0508	0700	0892	1085	9 174
60	354	1084	1277	1469	1661	1853	2045	2237	2429	2621	2814	192
2261	3006	3198	3390	3582	3774	3966	4158	4350	4542	4734	4926	1 19
62	4926	5118	5310	5502	5694	5886	6078	6270	6462	6654	6846	2 38
63	6846	7037	7229	7421	7613	7805	7997	8189	8381	8572	8764	3 58
64	8764	8956	9148	9340	9531	9723	9915	0107	0299	0490	0682	4 77
65	355	0682	0874	1066	1257	1449	1641	1832	2024	2216	2407	5 96
66	2599	2791	2982	3174	3366	3557	3749	3940	4132	4324	4516	6 115
67	4515	4707	4898	5090	5281	5473	5664	5856	6048	6239	6431	7 134
68	6431	6622	6813	7005	7196	7388	7579	7771	7962	8154	8346	8 154
69	8345	8536	8728	8919	9111	9302	9493	9685	9876	0067	0259	9 173
70	356	0259	0450	0641	0832	1024	1215	1406	1598	1789	1980	191
2271	2171	2363	2554	2745	2936	3127	3319	3510	3701	3892	4083	1 19
72	4083	4274	4466	4657	4848	5039	5230	5421	5612	5803	5994	2 38
73	5994	6185	6376	6568	6759	6950	7141	7332	7523	7714	7905	3 57
74	7905	8096	8287	8478	8668	8859	9050	9241	9432	9623	9814	4 76
75	9814	0005	0196	0387	0578	0768	0959	1150	1341	1532	1723	5 95
76	357	1723	1913	2104	2295	2486	2677	2867	3058	3249	3440	6 114
77	3630	3821	4012	4202	4393	4584	4775	4965	5156	5347	5537	7 133
78	5537	5728	5918	6109	6300	6490	6681	6872	7062	7253	7444	8 152
79	7443	7634	7824	8015	8205	8396	8586	8777	8967	9158	9349	9 172
80	9348	9539	9729	9920	0110	0301	0491	0682	0872	1062	1253	
2281	358	1253	1443	1634	1824	2014	2205	2395	2585	2776	2966	
82	3156	3347	3537	3727	3918	4108	4298	4488	4679	4869	5060	
83	5059	5249	5440	5630	5820	6010	6200	6391	6581	6771	6962	
84	6961	7151	7341	7531	7722	7912	8102	8292	8482	8672	8863	190
85	8862	9052	9242	9432	9623	9812	0002	0192	0382	0572	0763	1 19
86	359	0762	0952	1142	1332	1522	1712	1902	2092	2282	2472	2 38
87	2662	2852	3041	3231	3421	3611	3801	3991	4181	4370	4560	3 57
88	4560	4750	4940	5130	5319	5509	5699	5889	6078	6268	6458	4 76
89	6458	6648	6837	7027	7217	7406	7596	7786	7976	8165	8355	5 95
90	8355	8544	8734	8924	9113	9303	9493	9682	9872	0061	0251	6 114
2291	360	0251	0440	0630	0820	1009	1199	1388	1578	1767	1957	7 133
92	2146	2336	2525	2715	2904	3093	3283	3472	3662	3851	4041	8 152
93	4041	4230	4419	4609	4798	4987	5177	5366	5555	5745	5935	9 171
94	5934	6123	6313	6502	6691	6881	7070	7259	7448	7638	7827	
95	7827	8016	8205	8395	8584	8773	8962	9151	9341	9530	9720	189
96	9719	9908	0097	0286	0476	0664	0854	1043	1232	1421	1611	
97	361	1610	1799	1988	2177	2366	2555	2744	2933	3122	3311	
98	3500	3689	3878	4067	4256	4445	4634	4823	5012	5201	5390	
99	5390	5579	5768	5956	6145	6334	6523	6712	6901	7090	7279	
2300	7278	7467	7656	7845	8034	8222	8411	8600	8789	8977	9166	

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2300	8617278	7467	7656	7845	8034	8222	8411	8600	8789	8977	189
01	9165	9355	9544	9732	9921	0110	0298	0487	0676	0865	1 19
02	3621053	1242	1430	1519	1808	1995	2185	2374	2562	2751	2 38
03	2939	3128	3317	3505	3694	3882	4071	4259	4448	4635	3 57
04	4825	5013	5202	5390	5579	5767	5956	6144	6332	6521	4 76
05	6709	6898	7086	7275	7463	7551	7840	8028	8216	8405	5 95
06	8593	8781	8970	9158	9346	9535	9723	9911	0099	0288	6 113
07	8530475	0664	0852	1041	1229	1417	1505	1794	1982	2170	7 137
08	2358	2546	2734	2923	3111	3299	3487	3676	3863	4051	8 151
09	4239	4427	4616	4804	4992	5180	5368	5556	5744	5932	9 170
10	5120	5308	5496	5684	5872	7060	7246	7436	7624	7812	1 19
2311	7999	8187	8375	8563	8751	8939	9127	9315	9503	9690	2 38
12	9878	0066	0254	0442	0630	0817	1005	1198	1381	1569	3 56
13	3541755	1944	2132	2320	2507	2595	2883	3070	3258	3446	4 76
14	3634	3821	4009	4197	4384	4572	4769	4947	5135	5322	5 95
15	5510	5698	5885	6073	6250	6448	6635	6823	7010	7198	6 113
16	7385	7673	7751	7948	8136	8323	8511	8698	8885	9073	7 132
17	9280	9448	9635	9823	0010	0197	0385	0572	0760	0947	8 150
18	8651134	1322	1509	1695	1884	2071	2258	2445	2633	2820	9 162
19	3007	3195	3382	3569	3757	3944	4131	4316	4505	4593	
20	4880	6067	6254	6441	6629	6815	6003	6190	6377	6564	
2321	6761	6939	7126	7313	7600	7687	7874	8061	8248	8435	1 19
22	8622	8809	8996	9183	9370	9557	9744	9931	0118	0305	2 38
23	3680492	0679	0866	1053	1240	1427	1614	1801	1987	2174	3 56
24	2861	2546	2736	2922	3109	3296	3482	3669	3856	4043	4 76
25	4230	4416	4603	4790	4977	5163	5350	5537	5724	5910	5 95
26	6097	6284	6471	6657	6844	7031	7217	7404	7591	7777	6 113
27	7954	8150	8337	8524	8710	8897	9083	9270	9457	9643	7 131
28	9830	0016	0203	0389	0576	0762	0949	1135	1322	1508	8 150
29	3671595	1881	2068	2254	2441	2527	2814	3000	3186	3378	9 162
30	8559	3746	3932	4118	4306	4491	4677	4854	6050	6235	
2331	6423	5609	5795	6982	6158	6354	6540	6727	6918	7099	1 19
32	7285	7472	7658	7844	8030	8217	8403	8589	8775	8961	2 38
33	9147	9384	9520	9706	9892	0078	0264	0450	0636	0822	3 56
34	8581009	1195	1381	1567	1753	1939	2125	2311	2497	2683	4 76
35	2869	3055	3241	3427	3613	3799	3985	4171	4357	4542	5 95
36	4728	4914	5100	5286	5472	5658	5844	6030	6215	6401	6 113
37	6587	6778	6959	7145	7330	7516	7702	7888	8074	8259	7 131
38	8445	8631	8817	9002	9188	9374	9550	9745	9931	0117	8 150
39	3590302	0488	0674	0859	1045	1230	1415	1602	1787	1973	9 162
40	2159	2344	2530	2715	2901	3086	3272	3458	3643	3829	
2341	4014	4200	4385	4571	4756	4942	5127	5313	5498	5683	1 19
42	6869	6054	6240	6425	6611	6796	6981	7167	7352	7538	2 38
43	7723	7908	8094	8279	8464	8650	8835	9020	9205	9391	3 56
44	9576	9761	9947	0132	0317	0502	0688	0873	1058	1243	4 76
45	3701428	1614	1799	1984	2169	2354	2540	2725	2910	3095	5 95
46	3280	3465	3650	3835	4020	4205	4391	4576	4761	4946	6 113
47	5131	5316	5501	5686	5871	6056	6241	6426	6611	6796	7 131
48	6981	7165	7351	7535	7721	7905	8091	8275	8460	8645	8 150
49	8830	9015	9200	9385	9570	9754	9939	0124	0309	0494	9 162
2350	3710579	0863	1048	1233	1418	1603	1787	1972	2157	2342	

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2350	371 0679	0863	1048	1238	1418	1608	1787	1972	2157	2342	
51	2526	2711	2896	3080	3265	3450	3635	3819	4004	4189	185
52	4373	4558	4742	4927	5112	5296	5481	5666	5850	6035	1 19
53	6219	6404	6588	6773	6957	7142	7327	7511	7696	7880	2 37
54	8065	8249	8434	8618	8802	8987	9171	9356	9540	9725	3 55
55	9909	0094	0278	0462	0647	0831	1016	1200	1384	1569	4 74
56	372 1753	1937	2122	2306	2490	2674	2859	3043	3227	3412	5 93
57	3596	8780	3964	4149	4333	4517	4701	4885	5070	5254	6 111
58	5438	5622	5806	5991	6175	6359	6543	6727	6911	7095	7 130
59	7279	7464	7648	7832	8016	8200	8384	8568	8752	8936	8 148
60	9120	9304	9488	9672	9856	0040	0224	0408	0592	0776	9 167
2361	873 0960	1144	1328	1512	1696	1879	2063	2247	2431	2615	
62	2799	2983	3167	3350	3534	3718	3902	4086	4270	4453	
63	4637	4821	5005	5189	5372	5556	5740	5924	6107	6291	184
64	6475	6658	6842	7026	7210	7393	7577	7761	7944	8128	1 18
65	8311	8495	8679	8862	9046	9230	9413	9597	9780	9964	2 37
66	374 0147	0331	0515	0698	0882	1065	1249	1432	1616	1799	3 55
67	1983	2166	2350	2533	2716	2900	3083	3267	3450	3634	4 74
68	3817	4000	4184	4367	4551	4734	4917	5101	5284	5467	5 92
69	5651	5834	6017	6201	6384	6567	6750	6934	7117	7300	6 110
70	7483	7667	7850	8033	8216	8400	8583	8766	8949	9132	7 129
2371	9316	9499	9682	9865	0048	0231	0414	0598	0781	0964	8 147
72	375 1147	1330	1513	1696	1879	2062	2245	2428	2611	2794	9 166
73	2977	3160	3343	3526	3709	3892	4075	4258	4441	4624	183
74	4807	4990	5173	5356	5539	5722	5905	6088	6270	6453	1 18
75	6636	6819	7002	7185	7368	7550	7733	7916	8099	8282	2 37
76	8464	8647	8830	9013	9195	9378	9561	9744	9926	0109	3 55
77	376 0292	0475	0657	0840	1023	1205	1388	1571	1753	1936	4 73
78	2119	2301	2484	2666	2849	3032	3214	3397	3579	3762	5 92
79	3944	4127	4310	4492	4675	4857	5040	5222	5405	5587	6 110
80	5770	5952	6135	6317	6499	6682	6864	7047	7229	7412	7 129
2381	7694	7776	7859	8141	8323	8506	8688	8871	9053	9235	8 146
82	9418	9600	9782	9965	0147	0329	0511	0694	0876	1058	9 164
83	377 1240	1423	1605	1787	1969	2152	2334	2516	2698	2880	
84	3063	3245	3427	3609	3791	3973	4155	4338	4520	4702	
85	4864	5066	5248	5430	5612	5794	5976	6158	6340	6522	182
86	6704	6886	7068	7250	7432	7614	7796	7978	8160	8342	1 18
87	8524	8706	8888	9070	9252	9434	9616	9798	9979	0161	2 36
88	578 0343	0525	0707	0889	1071	1252	1434	1616	1798	1980	3 55
89	2161	2343	2525	2707	2889	3070	3252	3434	3616	3797	4 73
90	3979	4161	4342	4524	4706	4887	5069	5251	5432	5614	5 91
2391	5796	5977	6159	6341	6522	6704	6885	7067	7249	7430	6 109
92	7612	7793	7975	8156	8338	8519	8701	8882	9064	9245	7 127
93	9427	9608	9790	9971	0153	0334	0516	0697	0879	1060	8 146
94	579 1241	1423	1604	1786	1967	2148	2330	2511	2692	2874	9 164
95	3055	3237	3418	3599	3780	3962	4143	4324	4506	4687	
96	4868	5049	5231	5412	5593	5774	5956	6137	6318	6499	
97	6680	6862	7043	7224	7405	7586	7767	7948	8130	8311	181
98	8492	8673	8854	9035	9216	9397	9578	9759	9940	0121	
99	380 0302	0484	0665	0846	1027	1208	1389	1570	1750	1931	
2400	2112	2293	2474	2655	2836	3017	3198	3379	3560	3741	

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2400	3802112	2293	2474	2655	2338	3017	3198	3379	3500	3741	181
01	3922	4102	4283	4464	4645	4826	5007	5188	5368	5549	1 28
02	5730	5911	6092	6272	6453	6534	6816	6995	7176	7357	2 38
03	7538	7718	7899	8080	8261	8441	8623	8803	8983	9164	3 54
04	9345	8525	9706	9887	0067	0248	0428	0609	0790	0970	4 72
05	3811151	1331	1512	1693	1873	2054	2234	2415	2595	2776	5 91
06	2956	3137	3317	3498	3678	3859	4039	4220	4400	4580	6 109
07	4761	4941	5122	5302	5483	5663	5843	6024	6204	6384	7 127
08	6565	6745	6926	7105	7286	7467	7647	7827	8007	8188	8 145
09	8368	8548	8729	8909	9089	9269	9450	9630	9810	9990	9 163
10	3820170	0351	0531	0711	0891	1071	1252	1432	1612	1793	
2411	1972	2152	2332	2512	2693	2873	3053	3233	3413	3593	180
12	3773	3953	4133	4313	4493	4673	4853	5033	5213	5393	1 18
13	5573	5753	5933	6113	6293	6473	6653	6833	7013	7193	2 36
14	7373	7553	7732	7912	6092	8272	8452	8632	8812	8992	3 54
15	9171	8351	9531	9711	9891	0070	0250	0430	0610	0790	4 72
16	3830969	1149	1329	1509	1688	1868	2048	2227	2407	2587	5 90
17	2767	2946	3126	3306	3485	3665	3844	4024	4204	4383	6 108
18	4563	4743	4922	5102	5281	5461	5640	5820	6000	6179	7 126
19	6359	6538	6718	6897	7077	7256	7436	7615	7795	7974	8 144
20	8154	8333	8513	8692	8871	9051	9230	9410	9589	9789	9 162
2421	8848	0127	0307	0486	0665	0845	1024	1203	1383	1562	
22	3841741	1921	2100	2279	2459	2638	2817	2996	3175	3355	179
23	5534	3713	3893	4072	4251	4430	4609	4789	4968	5147	1 18
24	5326	5505	5684	5864	6045	6222	6401	6580	6769	6958	2 36
25	7117	7297	7478	7655	7834	8013	8192	8371	8550	8729	3 54
26	8908	9087	9265	9445	9524	9803	9982	0161	0340	0519	4 72
27	3850698	0877	1056	1235	1413	1592	1771	1950	2129	2308	5 90
28	2487	2666	2845	3023	3202	3381	3560	3739	3918	4096	6 108
29	4275	4454	4633	4812	4990	5169	5348	5527	5705	5884	7 126
30	5063	5241	5420	5599	5778	5956	7135	7314	7492	7671	8 144
2431	7850	8028	8207	8388	8564	8743	8921	9100	9279	9457	9 162
32	9536	9814	9993	0171	0350	0528	0707	0885	1064	1243	1 18
33	8881421	1500	1778	1957	2135	2314	2492	2670	2849	3027	2 36
34	5205	3384	3563	3741	3919	4098	4278	4455	4633	4811	3 54
35	4990	5168	5346	5525	5703	5881	6060	6238	6416	5595	4 72
36	8773	8951	9129	9308	9486	9664	9842	8021	8199	8377	5 90
37	8555	8733	8912	9090	9268	9446	9624	9803	9981	0159	6 108
38	3870337	0515	0693	0871	1049	1228	1405	1584	1762	1940	7 126
39	2118	2296	2474	2652	2830	3008	3186	3364	3542	3720	8 144
40	3898	4075	4254	4432	4610	4788	4966	5144	5322	5500	9 162
2441	6678	6856	6034	5212	6389	6587	6746	6923	7101	7278	1 18
42	7457	7634	7812	7990	8168	8346	8524	8701	8879	9057	2 36
43	8235	9412	9590	9768	9948	0125	0301	0479	0657	0834	3 54
44	3881012	1190	1367	1545	1723	1900	2078	2256	2433	2611	4 72
45	2789	2966	3144	3321	3499	3577	3854	4032	4209	4387	5 90
46	4565	4742	4920	5097	5275	5452	5630	5807	5985	6162	6 108
47	6340	6517	6695	6872	7050	7227	7404	7582	7759	7937	7 126
48	8114	8292	8469	8646	8824	9001	9178	9356	9533	9711	8 144
49	9888	0065	0243	0420	0597	0774	0952	1129	1306	1484	9 162
2450	3891661	1838	2015	2193	2370	2547	2724	2902	3079	3255	

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2450	389 1661	1838	2015	2193	2370	2547	2724	2902	3079	3256	
51	3433	3610	3787	3965	4142	4319	4496	4673	4850	5028	
52	5205	5382	5559	5736	5913	6090	6267	6444	6621	6798	177
53	6975	7153	7330	7507	7684	7861	8038	8215	8392	8569	1 18
54	8746	8923	9100	9276	9453	9630	9807	9984	0161	0338	2 35
55	890 0515	0692	0869	1046	1223	1399	1576	1753	1930	2107	3 53
56	2284	2460	2637	2814	2991	3168	3344	3521	3698	3875	4 71
57	4052	4228	4405	4582	4759	4935	5112	5289	5465	5642	5 89
58	5819	5995	6172	6349	6525	6702	6879	7055	7232	7409	6 106
59	7585	7762	7939	8115	8292	8468	8645	8821	8998	9175	7 124
60	9351	9528	9704	9881	0057	0234	0410	0587	0763	0940	8 142
2461	391 1116	1293	1469	1646	1822	1998	2175	2351	2528	2704	9 159
62	2880	3057	3233	3410	3586	3762	3939	4115	4291	4468	
63	4644	4820	4997	5173	5349	5526	5702	5878	6055	6231	
64	6407	6583	6760	6936	7112	7288	7464	7641	7817	7993	
65	8109	8345	8522	8698	8874	9050	9226	9402	9578	9755	
66	9931	0107	0283	0459	0635	0811	0987	1163	1339	1515	176
67	392 1691	1868	2044	2220	2396	2572	2748	2924	3100	3276	1 18
68	3452	3628	3803	3979	4155	4331	4507	4683	4859	5035	2 35
69	5211	5387	5563	5739	5914	6090	6266	6442	6618	6794	3 53
70	6970	7145	7321	7497	7673	7849	8024	8200	8376	8552	4 70
2471	8727	8903	9079	9255	9430	9606	9782	9958	0133	0309	5 88
72	393 0485	0660	0836	1012	1187	1363	1539	1714	1890	2066	6 106
73	2241	2417	2592	2768	2944	3119	3295	3470	3646	3821	7 123
74	3997	4172	4348	4524	4699	4875	5050	5226	5401	5577	8 141
75	5752	5928	6103	6278	6454	6629	6805	6980	7156	7331	9 158
76	7506	7682	7857	8033	8208	8383	8559	8734	8909	9085	
77	9260	9435	9611	9786	9961	0137	0312	0487	0662	0838	
78	394 1013	1188	1364	1539	1714	1889	2064	2240	2415	2590	
79	2765	2940	3116	3291	3466	3641	3816	3991	4167	4342	
80	4517	4692	4867	5042	5217	5392	5567	5742	5918	6093	175
2481	6268	6443	6618	6793	6968	7143	7318	7493	7668	7843	1 18
82	8018	8193	8368	8543	8718	8893	9068	9242	9417	9592	2 35
83	9767	9942	0117	0292	0467	0642	0817	0991	1166	1341	3 53
84	395 1516	1691	1866	2040	2215	2390	2565	2740	2914	3089	4 70
85	3264	3439	3613	3788	3963	4138	4312	4487	4662	4837	5 88
86	5011	5186	5361	5535	5710	5885	6059	6234	6409	6583	6 105
87	6758	6932	7107	7282	7456	7631	7805	7980	8155	8329	7 123
88	8504	8678	8853	9027	9202	9376	9551	9725	9900	0074	8 140
89	396 0249	0423	0598	0772	0947	1121	1296	1470	1645	1819	9 158
90	1993	2168	2342	2517	2691	2865	3040	3214	3389	3563	
2491	3737	3912	4086	4260	4435	4609	4783	4958	5132	5306	
92	5480	5655	5829	6003	6177	6352	6526	6700	6874	7049	
93	7223	7397	7571	7745	7920	8094	8268	8442	8616	8790	174
94	8964	9139	9313	9487	9661	9835	0009	0183	0357	0531	1 17
95	397 0705	0880	1054	1228	1402	1576	1750	1924	2098	2272	2 35
96	2446	2620	2794	2968	3142	3316	3490	3664	3838	4011	3 52
97	4185	4359	4533	4707	4881	5055	5229	5403	5577	5750	4 70
98	5924	6098	6272	6446	6620	6794	6967	7141	7315	7489	5 87
99	7663	7836	8010	8184	8358	8531	8705	8879	9053	9226	6 104
2500	9400	9574	9748	9921	0095	0269	0442	0616	0790	0963	7 122
SSS											8 139
											9 157

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2500	8979400	9574	9748	9921	0095	0269	0442	0616	0790	0963	
01	3981137	1311	1484	1658	1831	2005	2179	2352	2528	2699	
02	2873	3047	3220	3394	3567	3741	3914	4088	4251	4435	
03	4508	4782	4956	5129	5302	5476	5649	5823	5996	6170	
04	6343	6517	6690	6864	7037	7210	7384	7557	7731	7904	
05	8077	8251	8424	8597	8771	8944	9117	9291	9454	9637	
06	9811	9984	0157	0331	0504	0677	0850	1024	1197	1370	
07	3991543	1717	1890	2063	2238	2409	2583	2756	2929	3102	
08	3276	3448	3622	3795	3968	4141	4314	4487	4650	4834	
09	5007	5180	5353	5526	5699	5872	6045	6218	6391	6564	
10	6737	6910	7083	7256	7429	7602	7775	7948	8121	8294	173
2511	8467	8640	8813	8986	9159	9332	9505	9678	9851	0023	1 17
12	4000196	9369	0547	0716	0888	1081	1234	1406	1579	1752	2 35
13	1925	2098	2271	2443	2616	2789	2962	3134	3307	3480	3 52
14	3653	3825	3998	4171	4344	4516	4689	4862	5035	5207	4 69
15	5380	5553	5725	5898	6071	6243	6416	6588	6761	6934	5 87
16	7106	7279	7452	7624	7797	7969	8142	8314	8487	8650	6 104
17	8832	9005	9177	9350	9522	9695	9867	0040	0212	0385	7 121
18	4010557	0730	0902	1076	1247	1420	1592	1764	1937	2109	8 138
19	2282	2454	2626	2799	2971	3144	3316	3488	3661	3833	9 156
20	4006	4178	4350	4522	4693	4867	5039	5212	5384	5556	
2521	5728	5901	6073	6245	6417	6590	6762	6934	7106	7279	
22	7451	7623	7795	7967	8140	8312	8484	8656	8828	9000	
23	0173	9345	9517	9689	9861	0033	0205	0377	0549	0721	
24	4020894	1065	1238	1410	1582	1754	1925	2098	2270	2442	172
25	2614	2786	2958	3130	3302	3474	3646	3818	3990	4162	1 14
26	4333	4505	4677	4849	5021	5193	5365	5537	5709	5881	2 34
27	6052	6224	6396	6568	6740	6912	7083	7255	7427	7599	3 52
28	7771	7942	8114	8286	8458	8630	8801	8973	9145	9317	4 70
29	9485	9660	9832	0003	0175	0347	0519	0690	0862	1034	5 88
30	4031203	1377	1649	1720	1892	2063	2235	2407	2578	2760	6 106
2531	2921	3093	3265	3436	3608	3779	3951	4122	4294	4465	7 120
32	4637	4809	4980	5162	5323	5493	5666	5838	6009	6180	8 138
33	6352	6523	6695	6866	7038	7209	7381	7552	7723	7895	9 156
34	8066	8237	8409	8580	8752	8923	9094	9265	9437	9608	
35	9789	9951	0122	0294	0465	0636	0807	0979	1150	1321	
36	4041492	1664	1835	2006	2177	2349	2520	2691	2862	3033	
37	3205	3376	3547	3718	3869	4061	4232	4403	4574	4745	
38	4915	5087	5258	5429	5601	5772	5943	6114	6285	6456	
39	6627	6798	6969	7140	7311	7482	7653	7824	7995	8166	
40	8337	8508	8679	8850	9021	9192	9363	9534	9705	9876	
2541	4050047	0216	0388	0559	0730	0901	1072	1243	1414	1585	171
42	1735	1926	2097	2268	2439	2610	2780	2951	3122	3293	1 17
43	3464	3634	3805	3976	4147	4317	4488	4659	4830	5000	2 34
44	5171	5342	5512	5683	5854	6025	6195	6366	6537	6707	3 51
45	6878	7049	7219	7390	7560	7731	7902	8072	8243	8413	4 68
46	8584	8755	8925	9096	9266	9437	9607	9778	9948	0119	5 86
47	4060289	0460	0630	0801	0971	1142	1312	1483	1653	1824	6 103
48	1994	2155	2335	2506	2676	2846	3017	3187	3358	3528	7 120
49	3698	3869	4039	4209	4380	4550	4721	4891	5061	5231	8 137
2550	5402	5572	5742	5913	6083	6253	6424	6594	6764	6934	9 154

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2550	406 5402	5572	5742	5913	6083	6253	6424	6594	6764	6934	
51	7105	7275	7445	7615	7785	7956	8126	8296	8466	8637	
52	8807	8977	9147	9317	9487	9658	9828	9998	0168	0338	
53	407 0508	0678	0848	1018	1189	1359	1529	1699	1869	2039	
54	2209	2379	2549	2719	2889	3059	3229	3399	3569	3739	
55	3909	4079	4249	4419	4589	4759	4929	5099	5269	5439	
56	5608	5778	5948	6118	6288	6458	6628	6798	6968	7137	170
57	7307	7477	7647	7817	7987	8156	8326	8496	8666	8836	1 17
58	9005	9175	9345	9515	9684	9854	0024	0194	0363	0533	2 34
59	408 0703	0873	1042	1212	1382	1551	1721	1891	2060	2230	3 51
60	2400	2569	2739	2909	3078	3248	3417	3587	3757	3926	4 68
2561	4096	4265	4435	4604	4774	4944	5113	5283	5452	5622	5 85
62	5791	5961	6130	6300	6469	6639	6808	6978	7147	7317	6 102
63	7486	7656	7825	7994	8164	8333	8503	8672	8841	9011	7 119
64	9180	9350	9519	9688	9858	0027	0196	0366	0535	0704	8 136
65	409 0874	1043	1212	1382	1551	1720	1890	2059	2228	2397	9 153
66	2567	2736	2905	3074	3243	3413	3582	3751	3920	4089	
67	4259	4428	4597	4766	4935	5105	5274	5443	5612	5781	
68	5950	6119	6288	6458	6627	6796	6965	7134	7303	7472	
69	7641	7810	7979	8148	8317	8486	8655	8824	8993	9162	
70	9331	9500	9669	9838	0007	0176	0345	0514	0683	0852	169
2571	410 1021	1190	1359	1527	1696	1865	2034	2203	2372	2541	1 17
72	2710	2878	3047	3216	3385	3554	3723	3891	4060	4229	2 34
73	4398	4567	4735	4904	5073	5242	5410	5579	5748	5917	3 51
74	6085	6254	6423	6592	6760	6929	7098	7266	7435	7604	4 68
75	7772	7941	8110	8278	8447	8616	8784	8953	9121	9290	5 85
76	9459	9627	9796	9964	0133	0301	0470	0639	0807	0976	6 101
77	411 1144	1313	1481	1650	1818	1987	2155	2324	2492	2661	7 118
78	2829	2998	3166	3334	3503	3671	3840	4008	4177	4345	8 135
79	4513	4682	4850	5019	5187	5355	5524	5692	5860	6029	9 152
80	6197	6365	6534	6702	6870	7039	7207	7375	7544	7712	
2581	7880	8048	8217	8385	8553	8721	8890	9058	9226	9394	
82	9562	9731	9899	0067	0235	0403	0571	0740	0908	1076	
83	412 1244	1412	1580	1748	1917	2085	2253	2421	2589	2757	168
84	2925	3093	3261	3429	3597	3765	3933	4101	4269	4437	1 17
85	4605	4773	4941	5109	5277	5445	5613	5781	5949	6117	2 34
86	6285	6453	6621	6789	6957	7125	7293	7461	7629	7796	3 50
87	7964	8132	8300	8468	8636	8804	8971	9139	9307	9475	4 67
88	9643	9811	9978	0146	0314	0482	0649	0817	0985	1153	5 84
89	413 1321	1488	1656	1824	1991	2159	2327	2495	2662	2830	6 101
90	2998	3165	3333	3501	3668	3836	4004	4171	4339	4507	7 118
2591	4674	4842	5009	5177	5345	5512	5680	5847	6015	6182	8 134
92	6350	6518	6685	6853	7020	7188	7355	7523	7690	7858	9 151
93	8025	8193	8360	8528	8695	8863	9030	9197	9365	9532	
94	9700	9867	0035	0202	0369	0537	0704	0872	1039	1206	
95	414 1374	1541	1708	1876	2043	2210	2378	2545	2712	2880	
96	3047	3214	3381	3549	3716	3883	4051	4218	4385	4552	
97	4719	4887	5054	5221	5388	5556	5723	5890	6057	6224	
98	6391	6559	6726	6893	7060	7227	7394	7561	7729	7896	
99	8063	8230	8397	8564	8731	8898	9065	9232	9399	9566	167
2600	9733	9901	0068	0235	0402	0569	0736	0903	1070	1237	

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2600	414 9733	9901	0058	0235	0402	0569	0736	0903	1070	1237	
01	415 1404	1570	1737	1904	2071	2238	2405	2572	2739	2906	167
02	3073	3240	3407	3574	3741	3907	4074	4241	4408	4575	1 17
03	4742	4909	5075	5242	5409	5576	5743	5909	6076	6243	2 33
04	6410	6577	6743	6910	7077	7244	7410	7577	7744	7911	3 50
05	8077	8244	8411	8577	8744	8911	9077	9244	9411	9577	4 67
06	9744	9911	0077	0244	0411	0577	0744	0911	1077	1244	5 84
07	415 1410	1577	1748	1910	2077	2248	2410	2576	2743	2900	6 100
08	3076	3243	3409	3575	3742	3908	4075	4241	4408	4574	7 117
09	4741	4907	5074	5240	5407	5573	5739	5906	6072	6239	8 134
10	6405	6571	6738	6904	7071	7237	7403	7570	7736	7902	9 150
2611	8069	8235	8401	8568	8734	8900	9067	9233	9399	9565	
12	9732	9898	0064	0231	0397	0563	0729	0895	1062	1228	
13	417 1394	1560	1726	1893	2059	2225	2391	2557	2724	2890	
14	3056	3222	3388	3554	3720	3886	4053	4219	4385	4551	
15	4717	4883	5049	5215	5381	5547	5713	5879	6045	6211	166
16	6377	6543	6709	6875	7041	7207	7373	7539	7705	7871	1 17
17	5037	5203	5369	5535	5701	5867	6033	6199	6365	6531	2 33
18	0606	0862	0028	0194	0360	0526	0692	0857	1023	1189	3 50
19	418 1355	1521	1687	1852	2018	2184	2350	2516	2681	2847	4 66
20	3013	3179	3344	3510	3676	3842	4007	4173	4339	4505	5 83
2621	4670	4838	5002	5167	5333	5499	5664	5830	5996	6161	6 100
22	6327	6493	6658	6824	6989	7155	7321	7488	7652	7817	7 116
23	7983	8148	8314	8480	8645	8811	8976	9142	9307	9473	8 132
24	9638	9804	9969	0135	0300	0466	0631	0797	0962	1128	9 149
25	419 1293	1459	1624	1789	1955	2120	2286	2451	2616	2782	
26	2947	3113	3278	3443	3609	3774	3939	4105	4270	4435	
27	4501	4765	4931	5097	5262	5427	5593	5758	5923	6088	
28	5254	5419	5584	5749	5915	6080	6245	6410	6575	6741	
29	7905	8071	8238	8401	8557	8732	8897	9062	9227	9392	
30	9557	9723	9888	0053	0218	0383	0548	0713	0878	1043	
2631	420 1205	1374	1539	1704	1869	2034	2199	2364	2529	2694	155
32	2859	3024	3189	3354	3519	3684	3849	4014	4179	4344	1 17
33	4509	4674	4838	5003	5168	5333	5498	5663	5828	5993	2 33
34	6158	6323	6487	6652	6817	6982	7147	7312	7477	7641	3 50
35	7808	7971	8136	8301	8465	8630	8795	8960	9125	9289	4 66
36	9454	9619	9784	9948	0113	0278	0442	0607	0772	0937	5 83
37	421 1101	1266	1431	1595	1760	1925	2089	2254	2419	2583	6 99
38	2748	2913	3077	3242	3406	3571	3736	3900	4065	4229	7 115
39	4394	4558	4723	4888	5052	5217	5381	5546	5710	5875	8 132
40	5039	5204	5368	5533	5697	5862	7026	7191	7355	7520	9 149
2641	7684	7848	8013	8177	8342	8506	8671	8835	8999	9164	
42	9328	9493	9657	9821	9986	0150	0314	0479	0643	0807	
43	422 0872	1136	1300	1465	1629	1793	1957	2122	2286	2450	
44	2615	2779	2943	3107	3271	3436	3600	3764	3928	4093	
45	4257	4421	4585	4749	4913	5078	5242	5406	5570	5734	
46	5898	6063	6227	6391	6555	6719	6883	7047	7211	7375	
47	7539	7703	7868	8032	8196	8360	8524	8688	8852	9016	
48	9180	9344	9508	9672	9836	0000	0164	0328	0492	0656	154
49	423 0820	0984	1147	1311	1475	1639	1803	1967	2131	2295	
2655	2459	2623	2786	2950	3114	3278	3442	3606	3770	3933	

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2650	423 2459	2623	2786	2950	3114	3278	3442	3606	3770	3933	
51	4097	4261	4425	4589	4753	4916	5080	5244	5408	5571	164
52	5735	5899	6063	6226	6390	6554	6718	6881	7045	7209	1 18
53	7372	7536	7700	7864	8027	8191	8355	8518	8682	8846	2 33
54	9009	9173	9336	9500	9664	9827	9991	0154	0318	0482	3 49
55	424 0646	0809	0972	1136	1300	1463	1627	1790	1954	2117	4 66
56	2281	2444	2608	2771	2935	3098	3262	3425	3589	3752	5 82
57	3916	4079	4242	4406	4569	4733	4896	5060	5223	5386	6 98
58	5550	5713	5877	6040	6203	6367	6530	6693	6857	7020	7 115
59	7183	7347	7510	7673	7837	8000	8163	8327	8490	8653	8 131
60	8816	8980	9143	9306	9469	9633	9796	9959	0122	0286	9 148
2661	425 0449	0612	0775	0938	1102	1265	1428	1591	1754	1917	
62	2081	2244	2407	2570	2733	2896	3059	3222	3385	3549	
63	3712	3875	4038	4201	4364	4527	4690	4853	5016	5179	163
64	5342	5505	5668	5831	5994	6157	6320	6483	6646	6809	1 16
65	6972	7135	7298	7461	7624	7787	7950	8113	8276	8439	2 33
66	8601	8764	8927	9090	9253	9416	9579	9742	9904	0067	3 49
67	426 0230	0393	0556	0719	0881	1044	1207	1370	1533	1695	4 65
68	1858	2021	2184	2347	2509	2672	2835	2998	3160	3323	5 82
69	3486	3648	3811	3974	4137	4299	4462	4625	4787	4950	6 98
70	5113	5275	5438	5601	5763	5926	6088	6251	6414	6576	7 114
2671	6739	6901	7064	7227	7389	7552	7714	7877	8039	8202	8 130
72	8365	8527	8690	8852	9015	9177	9340	9502	9665	9827	9 147
73	9990	0152	0315	0477	0639	0802	0964	1127	1289	1452	
74	427 1614	1776	1939	2101	2264	2426	2588	2751	2913	3076	
75	3238	3400	3563	3725	3887	4050	4212	4374	4536	4699	
76	4861	5023	5186	5348	5510	5672	5835	5997	6159	6321	
77	6484	6646	6808	6970	7133	7295	7457	7619	7781	7944	
78	8106	8268	8430	8592	8754	8917	9079	9241	9403	9565	
79	9727	9889	0051	0213	0376	0538	0700	0862	1024	1186	
80	428 1348	1510	1672	1834	1996	2158	2320	2482	2644	2806	162
2681	2968	3130	3292	3454	3616	3778	3940	4102	4264	4426	1 16
82	4588	4750	4912	5073	5235	5397	5559	5721	5883	6045	2 32
83	6207	6369	6530	6692	6854	7016	7178	7340	7501	7663	3 49
84	7825	7987	8149	8311	8472	8634	8796	8958	9119	9281	4 65
85	9443	9605	9766	9928	0090	0252	0413	0575	0737	0898	5 81
86	429 1060	1222	1383	1545	1707	1868	2030	2192	2353	2515	6 97
87	2677	2838	3000	3162	3323	3485	3646	3808	3969	4131	7 113
88	4293	4454	4616	4777	4939	5100	5262	5423	5585	5747	8 130
89	5908	6070	6231	6393	6554	6715	6877	7038	7200	7361	9 146
90	7523	7684	7846	8007	8169	8330	8491	8653	8814	8976	
2691	9137	9298	9460	9621	9782	9944	0105	0267	0428	0589	
92	430 0751	0912	1073	1235	1396	1557	1718	1880	2041	2202	
93	2364	2525	2686	2847	3009	3170	3331	3492	3653	3815	
94	3976	4137	4298	4460	4621	4782	4943	5104	5265	5427	
95	5588	5749	5910	6071	6232	6393	6554	6716	6877	7038	
96	7199	7360	7521	7682	7843	8004	8165	8326	8487	8648	
97	8809	8970	9132	9293	9454	9615	9776	9937	0098	0258	161
98	431 0419	0580	0741	0902	1063	1224	1385	1546	1707	1868	
99	2029	2190	2351	2512	2673	2833	2994	3155	3316	3477	
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2700	431 3638	3798	8959	4120	4201	4442	4603	4763	4924	5085	
01	5246	5407	5587	5728	0089	0050	0210	6371	6532	6693	181
02	6853	7014	7175	7336	7498	7657	7818	7978	8139	8300	1 18
03	8460	8621	8782	8942	9103	9264	9424	9585	9746	9908	2 32
04	482 0067	0227	0388	0549	0709	0870	1030	1191	1352	1512	3 45
05	1673	1838	1994	2154	2310	2475	2636	2798	2957	3117	4 64
06	3278	3438	3599	3759	3920	4080	4241	4401	4562	4722	5 81
07	4883	5043	5208	5364	5524	5685	5845	6005	6166	6326	6 97
08	6487	6647	6807	6966	7128	7288	7449	7609	7769	7930	7 113
09	8090	8250	8411	8571	8731	8892	9052	9212	9372	9533	8 175
10	9693	9853	0013	0174	0334	0494	0654	0815	0975	1135	9 145
2711	433 1295	1455	1618	1776	1938	2096	2258	2416	2577	2737	
12	2897	3057	3217	3377	3537	3697	3858	4018	4178	4338	
13	4498	4658	4818	4978	5138	5298	5458	5618	5778	5938	
14	6098	6258	6418	6578	6738	6898	7058	7218	7378	7538	
15	7698	7858	8016	8178	8336	8498	8658	8818	8976	9138	
16	9298	9456	9617	9777	9937	0097	0257	0417	0577	0737	
17	434 0896	1056	1218	1376	1536	1596	1855	2015	2175	2335	
18	2495	2654	2814	2974	3134	3293	3453	3613	3773	3932	160
19	4092	4252	4412	4571	4731	4891	5050	5210	5370	5529	1 18
20	5689	5849	6006	6168	6328	6487	6647	6807	6966	7126	2 32
2721	7265	7445	7605	7764	7924	8083	8243	8403	8562	8722	3 48
22	8931	9041	9200	9360	9519	9679	9838	9998	0157	0317	4 64
23	435 0476	0638	0795	0955	1114	1274	1433	1593	1752	1912	5 80
24	2071	2230	2390	2549	2709	2866	3026	3187	3348	3506	6 96
25	3665	3824	3984	4143	4303	4462	4621	4781	4940	5099	7 112
26	5259	5416	5577	5736	5895	6055	6214	6374	6533	6692	8 123
27	6851	7011	7170	7329	7488	7646	7807	7966	8125	8284	9 144
28	8444	8603	8762	8921	9080	9240	9399	9558	9717	9878	
29	436 0065	0194	0354	0513	0673	0831	0990	1149	1308	1467	
30	1626	1786	1945	2104	2263	2422	2581	2740	2899	3058	
2731	3217	3376	3535	3694	3853	4012	4171	4330	4489	4648	
32	4807	4968	5125	5284	5443	5602	5761	5920	6078	6237	169
33	6398	6555	6714	6873	7032	7191	7350	7509	7668	7826	1 18
34	7985	8144	8303	8462	8620	8779	8938	9097	9256	9415	2 32
35	9573	9732	9891	0050	0208	0367	0526	0685	0843	1002	3 45
36	437 1151	1320	1478	1637	1796	1955	2113	2272	2431	2589	4 64
37	2748	2907	3065	3224	3383	3541	3700	3859	4017	4176	5 80
38	4334	4493	4652	4810	4969	5127	5286	5445	5604	5762	6 96
39	6920	7079	7237	7396	7555	7713	7872	7030	7189	7347	7 111
40	7506	7664	7823	7981	8140	8298	8457	8615	8773	8932	8 127
2741	8090	8249	8407	8566	8724	8883	9041	9199	9358	9516	9 143
42	438 0675	0833	0991	1150	1308	1466	1625	1784	1941	2100	
43	2258	2416	2575	2733	2891	3050	3208	3366	3525	3683	
44	3841	3999	4156	4318	4474	4632	4791	4949	5107	5265	
45	5423	5582	5740	5898	6050	6214	6373	6531	6689	6847	
46	7005	7163	7322	7480	7630	7796	7954	8112	8270	8428	
47	8587	8745	8903	9061	9219	9377	9535	9693	9851	0009	
48	439 0157	0325	0483	0541	0709	0867	1025	1183	1341	1500	
49	1747	1905	2063	2221	2379	2537	2695	2853	3011	3169	158
2750	3327	3485	3643	3801	3959	4116	4274	4432	4590	4748	

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2750	439 3327	3485	3643	3801	3959	4116	4274	4432	4590	4748	
51	4906	5064	5222	5379	5537	5695	5853	6011	6169	6326	158
52	6484	6642	6800	6958	7115	7273	7431	7589	7747	7904	1 16
53	8062	8220	8378	8535	8693	8851	9009	9166	9324	9482	2 32
54	9639	9797	9955	0112	0270	0428	0585	0743	0901	1058	3 47
55	440 1216	1374	1531	1689	1847	2004	2162	2319	2477	2635	4 63
56	2792	2950	3107	3265	3422	3580	3738	3895	4053	4210	5 79
57	4368	4526	4683	4840	4998	5155	5313	5470	5628	5785	6 95
58	5943	6100	6258	6415	6572	6730	6887	7045	7202	7360	7 111
59	7517	7674	7832	7989	8147	8304	8461	8619	8776	8933	8 128
60	9091	9248	9406	9563	9720	9878	0035	0192	0349	0507	9 142
2761	441 0664	0821	0979	1136	1293	1450	1608	1765	1922	2080	
62	2237	2394	2551	2708	2866	3023	3180	3337	3494	3652	
63	3809	3966	4123	4280	4438	4595	4752	4909	5066	5223	
64	5380	5538	5695	5852	6009	6168	6323	6480	6637	6794	
65	6951	7108	7265	7423	7580	7737	7894	8051	8208	8365	157
66	8522	8679	8836	8993	9150	9307	9464	9621	9778	9935	1 16
67	442 0032	0249	0405	0562	0719	0876	1033	1190	1347	1504	2 31
68	1661	1818	1975	2132	2288	2445	2602	2759	2916	3073	3 47
69	3230	3386	3543	3700	3857	4014	4171	4327	4484	4641	4 63
70	4798	4954	5111	5268	5425	5582	5738	5895	6052	6209	5 79
2771	6365	6522	6679	6835	6992	7149	7306	7462	7619	7776	6 94
72	7932	8089	8246	8402	8559	8716	8872	9029	9185	9342	7 110
73	9499	9655	9812	9969	0125	0282	0438	0595	0751	0908	8 126
74	443 1065	1221	1378	1534	1691	1847	2004	2160	2317	2473	9 141
75	2630	2786	2943	3099	3256	3412	3569	3725	3882	4038	
76	4195	4351	4507	4664	4820	4977	5133	5290	5446	5602	
77	5759	5915	6072	6228	6384	6541	6697	6853	7010	7166	
78	7322	7479	7635	7791	7948	8104	8260	8417	8573	8729	
79	8885	9042	9198	9354	9511	9667	9823	9979	0136	0292	156
80	444 0448	0604	0760	0917	1073	1229	1385	1541	1698	1854	1 16
2781	2010	2166	2322	2478	2635	2791	2947	3103	3259	3415	2 31
82	3571	3727	3883	4040	4196	4352	4508	4664	4820	4976	3 47
83	5132	5288	5444	5600	5756	5912	6068	6224	6380	6536	4 62
84	6692	6848	7004	7160	7316	7472	7628	7784	7940	8096	5 78
85	8252	8408	8564	8720	8876	9032	9188	9343	9499	9655	6 94
86	9811	9967	0123	0279	0435	0590	0746	0902	1058	1214	7 109
87	445 1370	1526	1681	1837	1993	2149	2305	2460	2616	2772	8 126
88	2928	3083	3239	3395	3551	3706	3862	4018	4174	4329	9 140
89	4485	4641	4797	4952	5108	5264	5419	5575	5731	5886	
90	6042	6198	6353	6509	6665	6820	6976	7132	7287	7443	
2791	7598	7754	7910	8065	8221	8376	8532	8687	8843	8999	
92	9154	9310	9465	9621	9776	9932	0087	0243	0398	0554	
93	446 0709	0865	1020	1176	1331	1487	1642	1798	1953	2109	
94	2264	2419	2575	2730	2886	3041	3197	3352	3507	3663	
95	3618	3774	4129	4284	4440	4595	4750	4906	5061	5216	
96	5372	5527	5682	5838	5993	6148	6304	6459	6614	6769	155
97	6925	7080	7235	7390	7546	7701	7856	8011	8167	8322	
98	8477	8632	8788	8943	9098	9253	9408	9563	9719	9874	
99	447 0029	0184	0339	0494	0650	0805	0960	1115	1270	1425	
2800	1580	1735	1891	2046	2201	2356	2511	2666	2821	2976	

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2800	447	1580	1735	1891	2046	2201	2358	2511	2666	2821	2976
01	3131	3286	3441	3598	3751	3908	4061	4218	4371	4528	165
02	4681	4836	4991	5148	5301	5456	5611	5768	5921	6076	1 18
03	6231	6386	6541	6698	6851	7006	7161	7315	7470	7625	2 31
04	7780	7935	8090	8245	8400	8554	8709	8864	9019	9174	3 47
05	9329	9483	9638	9793	9948	10103	10258	10412	10567	10722	4 62
06	448	0877	1031	1186	1341	1496	1650	1805	1960	2115	5 78
07	2424	2579	2734	2888	3043	3198	3352	3507	3662	3816	6 93
08	3971	4126	4280	4435	4590	4744	4899	5054	5208	5363	7 109
09	5517	5672	5827	5981	6138	6290	6445	6600	6754	6909	8 124
10	7083	7218	7372	7527	7681	7836	7990	8145	8299	8454	9 140
2811	8608	8763	8917	9072	9226	9381	9535	9690	9844	9999	
12	449	0153	0308	0462	0616	0771	0925	1080	1234	1389	1543
13	1697	1852	2006	2160	2315	2469	2624	2778	2932	3087	
14	3241	3395	3550	3704	3868	4013	4167	4321	4475	4630	
15	4784	4938	5093	5247	5401	5555	5710	5864	6018	6172	154
16	6327	6481	6635	6789	6943	7098	7252	7406	7560	7714	1 18
17	7688	8023	8177	8331	6485	8639	6793	8948	9102	9256	2 31
18	9410	9564	9718	9872	0026	0180	0334	0489	0643	0797	3 46
19	450	0951	1105	1259	1413	1587	1721	1875	2029	2183	4 62
20	2491	2645	2799	2953	3107	3261	3415	3569	3723	3877	5 77
2921	4031	4185	4339	4493	4647	4801	4954	5108	5262	5416	6 92
22	5570	5724	5878	6032	6186	6340	6493	6647	6801	6955	7 108
23	7109	7263	7416	7570	7724	7878	6032	8186	6339	8493	8 123
24	8647	8801	8954	9108	9262	9416	9570	9723	9877	10031	9 139
25	451	0185	0338	0492	0646	0799	0953	1107	1261	1414	1568
26	1722	1675	2029	2183	2336	2490	2644	2797	2951	3104	
27	6258	6412	3565	3719	3873	4028	4180	4338	4487	4640	
28	4794	4948	8101	8255	8406	5562	5715	5869	6022	6176	
29	8329	6483	6636	6790	6948	7097	7250	7404	7557	7711	
30	7684	8018	8171	6325	8476	8632	8785	8938	9092	9245	
2831	9399	9552	9705	9859	0012	0166	0319	0472	0625	0779	
32	452	0932	1086	1239	1393	1548	1699	1853	2006	2159	2312
33	2468	2619	2772	2926	3070	3232	3385	3539	3692	3845	
34	3998	4152	4305	4458	4611	4765	4918	5071	5224	5377	
35	5531	5684	5837	5990	6143	6297	6450	6603	6756	6909	153
36	7062	7215	7369	7522	7675	7828	7981	8134	8287	8440	1 15
37	8593	8746	8900	9053	9206	9359	9512	9665	9818	9971	2 31
38	453	0124	0277	0430	0583	0736	0889	1042	1195	1348	3 46
39	1654	1807	1960	2113	2266	2419	2572	2725	2878	3030	4 61
40	3183	3336	3489	3642	3795	3948	4101	4254	4407	4559	5 77
2841	4712	4865	5018	5171	5324	5477	5629	5782	5935	6088	6 92
42	8241	6394	6548	6699	8852	7005	7158	7310	7463	7616	7 107
43	7769	7921	8074	8227	8380	8532	8685	8838	8990	9143	8 122
44	9298	9449	9601	9754	9907	10059	0212	0365	0517	0670	9 138
45	454	0823	0976	1128	1281	1433	1586	1739	1891	2044	2196
46	2349	2502	2654	2807	2959	3112	3264	3417	3570	3722	
47	3875	4027	4180	4332	4485	4637	4789	4942	5095	5247	
48	5400	5552	5705	5857	6010	6162	6315	6467	6620	6772	
49	8924	7077	7229	7382	7534	7687	7839	7991	8144	8296	
2850	8449	8601	8753	8906	9058	9210	9363	9515	9668	9820	

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2850	454 8449	8601	8753	8906	9058	9210	9363	9515	9668	9820	
51	9972	0125	0277	0429	0581	0734	0886	1038	1191	1343	
52	455 1495	1647	1800	1952	2104	2257	2409	2561	2713	2865	
53	3018	3170	3322	3474	3627	3779	3931	4083	4235	4388	
54	4540	4692	4844	4996	5148	5300	5453	5605	5757	5909	
55	6061	6213	6365	6517	6670	6822	6974	7126	7278	7430	
56	7582	7734	7886	8038	8190	8342	8494	8646	8798	8950	
57	9102	9254	9406	9558	9710	9862	0014	0166	0318	0470	152
58	456 0622	0774	0926	1078	1230	1382	1534	1686	1838	1990	1 15
59	2142	2293	2445	2597	2749	2901	3053	3205	3357	3508	2 30
60	3660	3812	3964	4116	4268	4420	4571	4723	4875	5027	3 46
2861	5179	5330	5482	5634	5786	5938	6089	6241	6393	6545	4 61
62	6596	6848	7000	7152	7303	7455	7607	7758	7910	8062	5 76
63	8213	8365	8517	8669	8820	8972	9124	9275	9427	9578	6 91
64	9730	9882	0033	0185	0337	0488	0640	0791	0943	1095	7 106
65	457 1246	1398	1549	1701	1853	2004	2156	2307	2459	2610	8 122
66	2762	2913	3065	3216	3368	3519	3671	3822	3974	4125	9 137
67	4277	4428	4580	4731	4883	5034	5186	5337	5489	5640	
68	5791	5943	6094	6246	6397	6549	6700	6851	7003	7154	
69	7305	7457	7608	7760	7911	8062	8214	8365	8516	8668	
70	8819	8970	9122	9273	9424	9576	9727	9878	0029	0181	
2871	458 0332	0483	0634	0786	0937	1088	1239	1391	1542	1693	
72	1844	1996	2147	2298	2449	2600	2752	2903	3054	3205	
73	3356	3507	3659	3810	3961	4112	4263	4414	4565	4717	
74	4868	5019	5170	5321	5472	5623	5774	5925	6076	6227	
75	6378	6530	6681	6832	6983	7134	7285	7436	7587	7738	
76	7869	8040	8191	8342	8493	8644	8795	8946	9097	9248	151
77	9399	9550	9701	9851	0002	0153	0304	0455	0606	0757	1 15
78	459 0908	1059	1210	1361	1511	1662	1813	1964	2115	2266	2 30
79	2417	2567	2718	2869	3020	3171	3322	3472	3623	3774	3 45
80	3925	4076	4226	4377	4528	4679	4830	4980	5131	5282	4 60
2881	5433	5583	5734	5885	6036	6186	6337	6488	6638	6789	5 76
82	6940	7090	7241	7392	7542	7693	7844	7994	8145	8296	6 91
83	8446	8597	8748	8898	9049	9200	9350	9501	9651	9802	7 106
84	9953	0103	0254	0404	0555	0705	0856	1007	1157	1308	8 121
85	460 1458	1609	1759	1910	2060	2211	2361	2512	2662	2813	9 136
86	2963	3114	3264	3415	3565	3716	3866	4017	4167	4317	
87	4468	4618	4769	4919	5070	5220	5370	5521	5671	5822	
88	5972	6122	6273	6423	6573	6724	6874	7024	7175	7325	
89	7475	7626	7776	7926	8077	8227	8377	8528	8678	8828	
90	8978	9129	9279	9429	9579	9730	9880	0030	0180	0331	
2891	461 0481	0631	0781	0932	1082	1232	1382	1532	1683	1833	
92	1983	2133	2283	2433	2584	2734	2884	3034	3184	3334	
93	3484	3634	3785	3935	4085	4235	4385	4535	4685	4835	
94	4985	5135	5285	5435	5585	5736	5886	6036	6186	6336	
95	6486	6636	6786	6936	7086	7236	7386	7536	7686	7836	
96	7986	8136	8285	8435	8585	8735	8885	9035	9185	9335	
97	9485	9635	9785	9935	0085	0234	0384	0534	0684	0834	150
98	462 0984	1134	1284	1433	1583	1733	1883	2033	2183	2332	
99	2482	2632	2782	2932	3081	3231	3381	3531	3680	3830	
2900	3980	4130	4279	4429	4579	4729	4878	5028	5178	5328	

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2900	4623980	4130	4279	4429	4579	4729	4678	5028	5178	5326	
01	5477	5627	5777	5928	6078	6228	6375	6525	6675	6824	150
02	8974	7124	7273	7423	7573	7722	7872	8022	8171	8321	1 15
03	8476	8620	8770	8919	9069	9218	9368	9517	9667	9817	2 30
04	9986	0116	0265	0415	0564	0714	0863	1013	1162	1312	3 45
05	4831481	1811	1760	1910	2059	2209	2358	2508	2657	2807	4 60
06											5 75
08	2958	3108	3255	3404	3554	3703	3853	4002	4152	4301	6 90
07	4450	4800	4749	4898	5046	5197	5347	5498	5645	5795	7 105
08	5944	6093	6243	6392	6541	6691	6840	6989	7139	7288	8 120
09	7437	7587	7738	7885	8084	8184	8333	8482	8631	8781	9 135
10	8930	9078	9228	9378	9527	9678	9825	9974	0124	0273	
2911	4840422	0571	0720	0870	1019	1168	1317	1468	1615	1765	
12	1814	2063	2212	2361	2510	2659	2808	2958	3107	3250	
13	3405	3554	3703	3852	4001	4150	4299	4448	4597	4746	149
14	4895	5045	5194	5343	5492	5641	5790	5939	6088	6237	1 15
15	8388	8535	8684	8833	8981	9130	9279	9428	9577	9726	2 30
16	7875	8024	8173	8322	8471	8620	8769	8918	9067	9215	3 45
17	9364	9513	9662	9811	9960	0109	0258	0406	0555	0704	4 60
18	4860858	1002	1151	1299	1448	1597	1748	1895	2043	2192	5 75
19	2341	2490	2639	2787	2938	3085	3234	3382	3531	3680	6 90
20	3829	3977	4126	4278	4423	4572	4721	4870	5018	5167	7 104
2021	6316	6464	6613	6762	6910	7058	7208	7356	7505	7653	8 119
22	6802	6951	7099	7246	7397	7545	7694	7842	7991	8140	9 134
23	8288	8437	8585	8734	8882	9031	9180	9328	9477	9625	
24	9774	9922	0071	0219	0368	0516	0665	0813	0962	1110	
25	4661259	1407	1556	1704	1853	2001	2149	2298	2446	2595	
26	2743	2892	3040	3188	3337	3485	3634	3782	3930	4078	
27	4227	4376	4524	4672	4821	4966	5117	5266	5414	5562	
28	6711	6859	7007	7158	7304	7452	7601	7749	7897	8045	
29	7194	7342	7490	7639	7787	7935	8083	8232	8380	8528	
30	6676	6824	6973	7121	7269	7417	7565	7714	7862	8010	146
2931	4870158	0306	0455	0603	0751	0899	1047	1195	1343	1492	1 15
32	1640	1788	1936	2084	2232	2380	2528	2676	2824	2973	2 30
33	3121	3269	3417	3565	3713	3861	4009	4157	4305	4453	3 45
34	4601	4749	4897	5045	5193	5341	5489	5637	5785	5933	4 60
35	8081	8229	8377	8525	8673	8821	8969	9117	9265	9413	5 75
36	7581	7708	7858	8004	8152	8300	8448	8596	8744	8892	6 90
37	9039	9187	9335	9483	9631	9779	9927	0074	0222	0370	7 104
38	4680518	0868	0814	0961	1109	1257	1405	1553	1700	1848	8 119
39	1996	2144	2291	2439	2587	2735	2882	3030	3178	3328	9 133
40	3473	3621	3769	3916	4064	4212	4360	4507	4655	4803	
2941	4950	5098	5248	5393	5541	5689	5836	5984	6131	6279	
42	6427	6574	6722	6870	7017	7165	7312	7460	7607	7755	
43	7903	8050	8198	8345	8493	8640	8788	8935	9083	9231	
44	9378	9526	9673	9821	9968	0116	0263	0411	0558	0706	
45	4690853	1000	1148	1295	1443	1590	1738	1885	2033	2180	
46	2327	2475	2622	2770	2917	3064	3212	3359	3507	3654	
47	3801	3949	4096	4243	4391	4538	4685	4833	4980	5127	147
48	6275	6422	6569	6717	6864	8011	6159	6306	6453	8600	
49	6748	6895	7042	7190	7337	7484	7631	7778	7926	8073	
2950	6220	8367	8515	8662	8809	6958	9103	8251	9398	9545	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
2950	469 8220	8367	6515	8662	8809	8956	9103	9251	9398	9545	
51	9692	9839	9986	0134	0281	0428	0575	0722	0869	1016	147
52	470 1164	1311	1458	1605	1752	1899	2046	2193	2340	2487	1 15
53	2634	2782	2929	3076	3223	3370	3517	3664	3811	3958	2 29
54	4105	4252	4399	4546	4693	4840	4987	5134	5281	5428	3 44
55	5575	5722	5869	6016	6163	6310	6457	6604	6750	6897	4 59
56	7044	7191	7338	7485	7632	7779	7926	8073	8219	8366	5 74
57	8513	8660	8807	8954	9101	9248	9394	9541	9688	9835	6 88
58	9982	0129	0276	0422	0569	0716	0863	1009	1156	1303	7 103
59	471 1450	1596	1743	1890	2037	2183	2330	2477	2624	2770	8 118
60	2917	3064	3211	3357	3504	3651	3797	3944	4091	4237	9 132
2961	4384	4531	4677	4824	4971	5117	5264	5411	5557	5704	
62	5851	5997	6144	6290	6437	6584	6730	6877	7023	7170	
63	7317	7463	7610	7756	7903	8049	8196	8342	8489	8635	
64	8782	8929	9075	9222	9368	9515	9661	9808	9954	0101	
65	472 0247	0393	0540	0686	0833	0979	1126	1272	1419	1565	
66	1711	1858	2004	2151	2297	2444	2590	2736	2883	3029	
67	3175	3322	3468	3615	3761	3907	4054	4200	4346	4493	146
68	4639	4785	4932	5078	5224	5371	5517	5663	5809	5956	1 15
69	6102	6248	6395	6541	6687	6833	6980	7126	7272	7418	2 29
70	7564	7711	7857	8003	8149	8296	8442	8588	8734	8880	3 44
2971	9027	9173	9319	9465	9611	9757	9903	0050	0196	0342	4 58
72	473 0488	0634	0780	0926	1073	1219	1365	1511	1657	1803	5 73
73	1949	2095	2241	2387	2533	2679	2825	2972	3118	3264	6 88
74	3410	3556	3702	3848	3994	4140	4286	4432	4578	4724	7 102
75	4870	5016	5162	5308	5454	5600	5746	5891	6037	6183	8 117
76	6329	6475	6621	6767	6913	7059	7205	7351	7497	7642	9 131
77	7788	7934	8080	8226	8372	8518	8664	8809	8955	9101	
78	9247	9393	9539	9684	9830	9976	0122	0268	0413	0559	
79	474 0705	0851	0997	1142	1288	1434	1580	1725	1871	2017	
80	2163	2308	2454	2600	2746	2891	3037	3183	3328	3474	
2981	3620	3765	3911	4057	4202	4348	4494	4639	4785	4931	
82	5076	5222	5368	5513	5659	5805	5950	6096	6241	6387	
83	6533	6678	6824	6969	7115	7260	7406	7552	7697	7843	
84	7988	8134	8279	8425	8570	8716	8861	9007	9152	9298	
85	9443	9589	9734	9880	0025	0171	0316	0462	0607	0753	
86	475 0898	1043	1189	1334	1480	1625	1771	1916	2061	2207	
87	2352	2498	2643	2788	2934	3079	3225	3370	3515	3661	
88	3806	3951	4097	4242	4387	4533	4678	4823	4969	5114	
89	5259	5404	5550	5695	5840	5986	6131	6276	6421	6567	
90	6712	6857	7002	7148	7293	7438	7583	7729	7874	8019	
2991	8164	8309	8455	8600	8745	8890	9035	9180	9326	9471	
92	9616	9761	9906	0051	0196	0342	0487	0632	0777	0922	
93	476 1067	1212	1357	1502	1648	1793	1938	2083	2228	2373	
94	2518	2663	2808	2953	3098	3243	3388	3533	3678	3823	145
95	3968	4113	4258	4403	4548	4693	4838	4983	5128	5273	
96	5418	5563	5708	5853	5998	6143	6288	6433	6578	6723	
97	6867	7012	7157	7302	7447	7592	7737	7882	8027	8171	
98	8316	8461	8606	8751	8896	9041	9185	9330	9475	9620	
99	9765	9909	0054	0199	0344	0489	0633	0778	0923	1068	
3000	477 1213	1357	1502	1647	1792	1936	2081	2226	2371	2515	

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8000	477	1213	1357	1502	1647	1792	1836	2081	2228	2371	2515
01	2660	2805	2949	3094	3238	3383	3528	3673	3818	3952	145
02	4107	4252	4398	4541	4688	4830	4975	5119	5264	5409	1 15
03	5553	5698	5843	5987	6132	6276	6421	6566	6710	6855	2 29
04	6999	7144	7288	7433	7578	7722	7867	8011	8156	8300	3 44
05	8445	8589	8734	8878	9023	9167	9312	9456	9601	9745	4 58
06	9890	0034	0179	0323	0468	0612	0757	0901	1045	1190	5 73
07	478	1834	1479	1623	1768	1912	2036	2201	2345	2490	6 87
08	2778	2923	3067	3211	3356	3500	3645	3789	3933	4078	7 102
09	4222	4366	4511	4655	4788	4843	5088	5232	5376	5521	8 114
10	5665	5809	5954	6098	6242	6386	6531	6675	6819	6963	9 131
8011	7108	7252	7396	7540	7684	7829	7979	8117	8261	8405	144
12	8550	8694	8838	8982	9126	9271	9415	9559	9703	9847	1 14
13	9991	0135	0280	0424	0568	0712	0856	1000	1144	1288	2 29
14	479	1432	1577	1721	1865	2009	2153	2297	2441	2585	3 43
15	2873	3017	3161	3305	3449	3593	3737	3881	4025	4169	4 58
16	4313	4457	4601	4745	4889	5033	5177	5321	5465	5609	5 73
17	5753	5897	6041	6185	6329	6473	6617	6761	6905	7048	6 88
18	7192	7336	7480	7624	7768	7912	8056	8200	8343	8487	7 101
19	8631	8775	8919	9063	9207	9350	9494	9638	9782	9925	8 115
20	480	0069	0218	0357	0501	0645	0788	0932	1075	1220	9 130
8021	1507	1651	1795	1939	2082	2228	2370	2513	2657	2801	
22	2845	3088	3232	3378	3518	3683	3807	3850	4094	4238	
23	4381	4525	4669	4812	4858	5100	5243	5387	5531	5674	
24	5818	5861	6105	6248	6392	6538	6678	6823	6967	7110	
25	7254	7397	7541	7684	7828	7972	8115	8258	8402	8546	
26	8889	8833	8978	9120	9263	9407	9550	9694	9837	9981	
27	481	0124	0268	0411	0553	0898	0842	0885	1128	1272	1415
28	1559	1702	1846	1988	2132	2278	2418	2563	2706	2849	
29	2893	3136	3270	3428	3588	3710	3853	3998	4140	4283	
30	4426	4570	4713	4858	5000	5143	5288	5429	5573	5716	
8031	5859	6003	6146	6289	6432	6578	6719	6862	7005	7149	
32	7292	7435	7578	7722	7866	8008	8151	8295	8438	8581	
33	8724	8867	9010	9154	9297	9440	9583	9726	9869	0013	
34	482	0156	0299	0442	0583	0728	0871	1015	1158	1301	1444
35	1587	1730	1873	2016	2159	2302	2445	2589	2732	2875	
36	3018	3161	3304	3447	3590	3733	3876	4018	4152	4305	
37	4448	4591	4734	4877	5020	5163	5306	5449	5592	5735	
38	5878	6021	6164	6307	6449	6592	6735	6878	7021	7184	
39	7307	7450	7593	7736	7879	8021	8164	8307	8450	8593	
40	8738	8878	9022	9184	9307	9450	9593	9736	9879	0021	143
8041	483	0164	0307	0450	0583	0733	0878	1021	1164	1307	1449
42	1592	1735	1878	2020	2183	2308	2449	2591	2734	2877	1 14
43	3020	3162	3305	3448	3590	3733	3876	4018	4161	4304	2 29
44	4446	4589	4732	4874	5017	5160	5302	5445	5588	5730	3 43
45	5873	6016	6158	6301	6443	6588	6729	6871	7014	7156	4 58
46	7299	7442	7584	7727	7868	8012	8154	8297	8439	8582	5 73
47	8725	8867	9010	9152	9295	9437	9580	9722	9865	0007	6 88
48	484	0150	0292	0435	0577	0720	0862	1004	1147	1289	7 100
49	1574	1717	1859	2002	2144	2288	2429	2571	2714	2856	8 114
8050	2998	3141	3283	3426	3568	3710	3853	3995	4137	4280	9 130

No.	0	1	2	3	4	5	6	7	8	9	Diff.	
8050	484	2998	3141	8283	8426	3568	3710	3853	3995	4137	4280	
51	4422	4564	4707	4849	4991	5134	5276	5418	5561	5703		
52	5845	5988	6130	6272	6414	6557	6699	6841	6984	7126		
53	7268	7410	7553	7695	7837	7979	8121	8264	8406	8548		
54	8690	8833	8975	9117	9259	9401	9543	9686	9828	9970		
55	485	0112	0254	0396	0539	0681	0823	0965	1107	1249	1391	
56	1533	1676	1818	1960	2102	2244	2386	2528	2670	2812		142
57	2954	8096	3239	8381	3523	3665	8807	3949	4091	4233		1 14
58	4375	4517	4659	4801	4943	5085	5227	5369	5511	5653		2 28
59	5795	5937	6079	6221	6363	6505	6647	6788	6930	7072		3 43
60	7214	7356	7498	7640	7782	7924	8066	8208	8350	8491		4 57
8061	8633	8775	8917	9059	9201	9343	9484	9626	9768	9910		5 71
62	486	0052	0194	0336	0477	0619	0761	0903	1045	1186	1328	6 85
63	1470	1612	1754	1895	2037	2179	2321	2462	2604	2746		7 99
64	2888	3029	3171	3313	3455	3596	3738	3880	4021	4163		8 114
65	4305	4446	4588	4730	4872	5013	5155	5297	5438	5580		9 128
66	5722	5863	6005	6146	6288	6430	6571	6713	6855	6996		
67	7138	7279	7421	7563	7704	7846	7987	8129	8270	8412		
68	8554	8695	8837	8978	9120	9261	9403	9544	9686	9827		
69	9969	0110	0252	0393	0535	0676	0818	0959	1101	1242		
70	487	1384	1525	1667	1808	1950	2091	2232	2374	2515	2657	
8071	2798	2940	3081	3222	3364	3505	3647	3788	3929	4071		
72	4212	4353	4495	4636	4778	4919	5060	5202	5343	5484		
73	5626	5767	5908	6050	6191	6332	6473	6615	6756	6897		
74	7039	7180	7321	7462	7604	7745	7886	8027	8169	8310		
75	8451	8592	8734	8875	9016	9157	9299	9440	9581	9722		
76	9863	0004	0146	0287	0428	0569	0710	0852	0993	1134		
77	488	1275	1416	1557	1698	1839	1981	2122	2263	2404	2545	
78	2686	2827	2968	3109	3251	3392	3533	3674	3815	3956		
79	4097	4238	4379	4520	4661	4802	4943	5084	5225	5366		
80	5507	5648	5789	5930	6071	6212	6353	6494	6635	6776		141
8081	6917	7058	7199	7340	7481	7622	7763	7904	8045	8185		1 14
82	8326	8467	8608	8749	8890	9031	9172	9313	9454	9594		2 28
83	9735	9876	0017	0158	0299	0440	0580	0721	0862	1003		3 42
84	489	1144	1285	1425	1566	1707	1848	1989	2129	2270	2411	4 56
85	2552	2692	2833	2974	3115	3256	3396	3537	3678	3818		5 71
86	3959	4100	4241	4381	4522	4663	4804	4944	5085	5226		6 85
87	5366	5507	5648	5788	5929	6070	6210	6351	6492	6632		7 99
88	6773	6914	7054	7195	7335	7476	7617	7757	7898	8038		8 113
89	8179	8320	8460	8601	8741	8882	9023	9163	9304	9444		9 127
90	9555	9725	9866	0006	0147	0287	0428	0569	0709	0850		
8091	490	0990	1131	1271	1412	1552	1693	1833	1973	2114	2254	
92	2395	2535	2676	2816	2957	3097	3238	3378	3518	3659		
93	3799	3940	4080	4220	4361	4501	4642	4782	4922	5063		
94	5203	5343	5484	5624	5765	5905	6045	6186	6326	6466		
95	6607	6747	6887	7027	7168	7308	7448	7589	7729	7869		
96	8010	8150	8290	8430	8571	8711	8851	8991	9132	9272		
97	9412	9552	9693	9833	9973	0113	0253	0394	0534	0674		
98	491	0814	0954	1094	1235	1375	1515	1655	1795	1935	2076	
99	2216	2356	2496	2636	2776	2916	3057	3197	3337	3477		
3100	3617	3757	3897	4037	4177	4317	4457	4597	4738	4878		

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3100	491 3617	3757	3897	4037	4177	4317	4457	4597	4738	4878	
01	5018	5158	5298	5436	5576	5718	5858	5998	6138	6278	140
02	6418	6558	5698	6838	6978	7118	7258	7398	7538	7678	14
03	7818	7958	8098	8238	8378	8517	8657	8797	8937	9077	23
04	9217	9357	9497	9637	9777	9917	0057	0196	0336	0476	42
05	492 0616	0756	0896	1036	1176	1316	1455	1595	1735	1875	58
06	2015	2154	2294	2434	2574	2714	2853	2993	3133	3273	70
07	3413	3552	3692	3832	3973	4111	4251	4391	4531	4670	84
08	4810	4950	5090	5229	5369	5509	5648	5788	5928	6068	96
09	6207	6347	6487	6626	6766	6906	7045	7185	7325	7464	113
10	7604	7744	7883	8023	8163	8303	8442	8581	8721	8861	120
3111	9000	9140	9279	9419	9558	9698	9838	9977	0117	0256	
12	493 0396	0535	0676	0815	0954	1094	1233	1373	1512	1652	
13	1791	1931	2070	2210	2349	2489	2628	2766	2907	3047	
14	6188	3326	3465	3604	3744	3883	4023	4162	4302	4441	
15	4581	4720	4859	4999	5138	5278	5417	5556	5696	5835	
16	5974	6114	6253	6393	6533	6671	6811	6950	7089	7229	
17	7368	7507	7647	7786	7925	8065	8204	8343	8483	8623	
18	8761	8900	9040	9179	9318	9457	9597	9736	9875	0015	
19	494 0154	0293	0432	0571	0711	0850	0989	1128	1268	1407	
20	1546	1585	1824	1964	2103	2242	2381	2520	2659	2799	
3121	2938	3077	3216	3355	3494	3633	3773	3912	4051	4190	
22	4323	4468	4607	4746	4885	5024	5164	5303	5442	5581	
23	5730	5859	5998	6137	6278	6416	6554	6693	6832	6971	
24	7110	7249	7388	7527	7668	7805	7944	8083	8222	8361	
25	8500	8639	8778	8917	9056	9195	9334	9473	9612	9751	139
26	9890	0029	0168	0307	0445	0584	0723	0862	1001	1140	14
27	496 1279	1418	1557	1695	1864	1973	2112	2251	2390	2529	23
28	2667	2806	2945	3084	3233	3352	3500	3639	3778	3817	42
29	4056	4194	4333	4472	4611	4750	4888	5027	5166	5305	58
30	5443	5582	5721	5860	5998	6187	6276	6415	6553	6892	97
3131	6831	6969	7106	7247	7385	7524	7663	7802	7940	8078	111
32	8218	8355	8495	8634	8772	8911	9049	9188	9327	9465	125
33	9604	9743	9881	0020	0158	0297	0436	0574	0713	0851	
34	496 0990	1128	1267	1406	1544	1683	1821	1960	3098	2237	
35	2375	2514	2653	2791	3930	3068	3207	3345	3484	3622	
36	3761	6899	4038	4176	4314	4453	4591	4730	4868	5007	
37	5145	5284	5422	5560	5699	6837	6976	6114	6253	6391	
38	8529	6668	6806	6945	7083	7221	7360	7498	7636	7775	
39	7913	8052	8190	8328	8467	8605	8743	8882	9020	8158	
40	9296	9435	9573	9711	9850	9988	0126	0265	0403	0541	
3141	497 0679	0818	0956	1094	1332	1371	1509	1647	1785	1924	
42	2062	2200	2338	2476	2616	2763	2891	3029	3167	3308	
43	3444	3582	3720	3858	3996	4135	4273	4411	4549	4687	
44	4825	4964	5102	5240	5378	6516	6654	5792	5930	8068	
45	6206	6345	6483	5621	6759	6897	7035	7173	7311	7449	
46	7667	7725	7863	8001	8139	6277	6415	6553	6691	6829	
47	8967	9105	9243	9381	9519	9657	9795	9933	0071	0209	133
48	498 0347	0485	0623	0761	0899	1037	1175	1313	1451	1589	
49	1727	1865	2002	2140	2278	2416	2554	2892	2830	2968	
3150	3100	6243	3381	3519	3667	3796	6933	4071	4208	4346	

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3150	498	3106	3243	3381	3519	3657	3795	3933	4071	4208	4346	
51	4484	4622	4760	4897	5035	5173	5311	5449	5587	5724	138	
52	5862	6000	6138	6275	6413	6551	6689	6826	6964	7102	1 14	
53	7240	7377	7515	7653	7791	7928	8066	8204	8341	8479	2 28	
54	8617	8755	8892	9030	9168	9305	9443	9581	9718	9856	3 41	
55	9994	0131	0269	0407	0544	0682	0819	0957	1095	1232	4 55	
56	499	1370	1508	1645	1783	1920	2058	2196	2333	2471	5 69	
57	2746	2883	3021	3158	3296	3434	3571	3709	3846	3984	6 83	
58	4121	4259	4396	4534	4671	4809	4946	5084	5221	5359	7 97	
59	5496	5634	5771	5909	6046	6184	6321	6459	6596	6733	8 110	
60	6871	7008	7146	7283	7421	7558	7695	7833	7970	8108	9 124	
3161	8245	8382	8520	8657	8794	8932	9069	9207	9344	9481		
62	9619	9756	9893	0031	0168	0305	0443	0580	0717	0855		
63	500	0892	1129	1267	1404	1541	1678	1816	1953	2090		
64	2365	2502	2639	2777	2914	3051	3188	3325	3463	3600		
65	3737	3874	4012	4149	4286	4423	4560	4698	4835	4972		
66	5109	5246	5383	5521	5658	5795	5932	6069	6206	6344		
67	6481	6618	6755	6892	7029	7166	7303	7440	7578	7715		
68	7852	7989	8126	8263	8400	8537	8674	8811	8948	9085		
69	9222	9359	9496	9634	9771	9908	0045	0182	0319	0456	137	
70	501	0593	0730	0867	1004	1141	1278	1415	1552	1688	1 14	
3171	1962	2099	2236	2373	2510	2647	2784	2921	3058	3195	2 27	
72	3332	3469	3606	3743	3879	4016	4153	4290	4427	4564	3 41	
73	4701	4838	4974	5111	5248	5385	5522	5659	5796	5932	4 55	
74	6069	6206	6343	6480	6617	6753	6890	7027	7164	7301	5 69	
75	7437	7574	7711	7848	7984	8121	8258	8395	8531	8668	6 82	
76	8805	8942	9078	9215	9352	9489	9625	9762	9899	0035	7 96	
77	502	0172	0309	0446	0582	0719	0856	0992	1129	1266	8 110	
78	1539	1676	1812	1949	2086	2222	2359	2495	2632	2769	9 123	
79	2905	3042	3178	3315	3452	3588	3725	3861	3998	4135		
80	4271	4408	4544	4681	4817	4954	5091	5227	5364	5500		
3181	5637	5773	5910	6046	6183	6319	6456	6592	6729	6865		
82	7002	7138	7275	7411	7548	7684	7821	7957	8093	8230		
83	8366	8503	8639	8776	8912	9049	9185	9321	9458	9594		
84	9731	9867	0003	0140	0276	0413	0549	0685	0822	0958		
85	503	1094	1231	1367	1503	1776	1912	2049	2185	2321		
86	2458	2594	2730	2867	3003	3139	3276	3412	3548	3684		
87	3821	3957	4093	4229	4366	4502	4638	4774	4911	5047		
88	5183	5319	5456	5592	5728	5864	6000	6137	6273	6409		
89	6545	6681	6818	6954	7090	7226	7362	7498	7635	7771		
90	7907	8043	8179	8315	8451	8587	8724	8860	8996	9132		
3191	9268	9404	9540	9676	9812	9948	0085	0221	0357	0493		
92	504	0629	0765	0901	1037	1309	1445	1581	1717	1853		
93	1989	2125	2261	2397	2533	2669	2805	2941	3077	3213		
94	3349	3485	3621	3757	3893	4029	4165	4301	4437	4573		
95	4709	4845	4980	5116	5252	5388	5524	5660	5796	5932	136	
96	6068	6204	6339	6475	6611	6747	6883	7019	7155	7291		
97	7426	7562	7698	7834	7970	8106	8241	8377	8513	8649		
98	8785	8920	9056	9192	9328	9464	9599	9735	9871	0007		
99	505	0142	0278	0414	0550	0685	0821	0957	1093	1228		
3200	1500	1635	1771	1907	2043	2178	2314	2450	2585	2721		

No	0	1	2	3	4	5	6	7	8	9	Diff	
8200	505	1500	1635	1771	1907	2043	2178	2314	2450	2585	2721	
01		2837	2992	3128	3264	3399	3535	3671	3806	3942	4078	136
02		4213	4349	4485	4620	4756	4891	5027	5163	5298	5434	1 14
03		5569	5705	5841	5976	6112	6247	6383	6518	6654	6790	2 27
04		6925	7061	7198	7332	7467	7603	7738	7874	8009	8145	3 41
05		8280	8416	8551	8687	8822	8958	9093	9229	9364	9500	4 54
06		9635	9771	9906	0042	0177	0312	0448	0583	0719	0854	5 68
07	506	0990	1125	1260	1396	1531	1667	1802	1937	2073	2208	6 82
08		2344	2479	2614	2750	2885	3020	3155	3291	3426	3562	7 95
09		3697	3833	3968	4108	4238	4374	4509	4644	4780	4915	8 109
10		5050	5186	5321	5456	5591	5727	5862	5997	6133	6268	9 122
3211		6403	5538	6674	6809	6944	7079	7214	7350	7485	7620	
12		7755	7891	8026	8161	8296	8431	8567	8702	8837	8972	
13		9107	9243	9378	9513	9648	9783	9918	0053	0188	0324	
14	507	0459	0594	0729	0864	0999	1134	1269	1405	1540	1675	
15		1810	1945	2080	2216	2350	2485	2620	2755	2890	3025	
16		3160	3295	3430	3565	3701	3836	3971	4106	4241	4378	
17		4511	4646	4781	4916	5051	5186	5321	5456	5590	5725	135
18		5860	5995	6130	6265	6400	6535	6670	6805	6940	7075	1 14
19		7210	7345	7480	7614	7749	7884	8019	8154	8289	8424	2 27
20		8559	8694	8828	8963	9098	9233	9368	9503	9638	9772	3 41
3221		9907	0042	0177	0312	0447	0581	0716	0851	0986	1121	4 54
22	508	1255	1390	1523	1660	1794	1929	2064	2199	2334	2468	5 68
23		2603	2738	2878	3007	3142	3277	3411	3546	3681	3815	6 82
24		3950	4085	4220	4354	4489	4624	4758	4893	5028	5163	7 95
25		5297	5432	5567	5701	5836	5970	6105	6240	6374	6509	8 109
26		6844	6978	7113	7247	7382	7517	7651	7786	7920	8055	9 122
27		7990	8124	8259	8393	8528	8663	8797	8932	9066	9201	
28		9335	9470	9604	9739	9878	0008	0142	0277	0411	0546	
29	609	0680	0816	0949	1084	1218	1353	1487	1622	1756	1891	
30		2025	2160	2294	2429	2563	2697	2832	2966	3101	3235	
3231		3370	3504	3638	3773	3907	4042	4176	4310	4445	4579	
32		4714	4848	4982	5117	5251	5385	5520	5654	5788	5923	
33		6057	6191	6326	6460	6594	6729	6863	6997	7132	7266	
34		7400	7534	7669	7803	7937	8072	8206	8340	8474	8609	
35		8743	8877	9011	9146	9280	9414	9548	9682	9817	9951	
36	510	0085	0219	0354	0488	0622	0756	0890	1024	1159	1293	
37		1427	1561	1695	1829	1964	2098	2232	2366	2500	2634	
38		2766	2900	3037	3171	3305	3439	3573	3707	3841	3975	
39		4109	4244	4378	4512	4646	4780	4914	5048	5182	5316	134
40		5450	5584	5718	5852	5986	6120	6254	6388	6522	6656	1 13
3241		6790	6924	7058	7192	7326	7460	7594	7728	7862	7996	2 27
42		8130	8264	8398	8532	8666	8800	8934	9068	9202	9336	3 41
43		9469	9603	9737	9871	0005	0139	0273	0407	0541	0675	4 54
44	511	0808	0942	1076	1210	1344	1478	1612	1745	1879	2013	5 68
45		2147	2281	2415	2548	2682	2816	2950	3084	3218	3351	6 82
46		3485	3619	3753	3887	4020	4154	4288	4422	4555	4689	7 95
47		4823	4957	5090	5224	5358	5492	5625	5759	5893	6026	8 109
48		6160	6294	6428	6561	6695	6829	6962	7096	7230	7363	9 122
49		7497	7631	7764	7898	8032	8165	8299	8433	8566	8700	
3250		8834	8967	9101	9234	9368	9502	9635	9769	9903	0036	
512												

No.	0	1	2	3	4	5	6	7	8	9	Diff.
3250	511 8834	8967	9101	9234	9368	9502	9635	9769	9903	0036	
51	512 0170	0303	0437	0570	0704	0838	0971	1105	1238	1372	
52	1505	1639	1772	1906	2040	2173	2307	2440	2574	2707	
53	2841	2974	3108	3241	3375	3508	3642	3775	3909	4042	
54	4175	4309	4442	4576	4709	4843	4976	5110	5243	5377	
55	5510	5643	5777	5910	6044	6177	6310	6444	6577	6711	
56	6844	6977	7111	7244	7377	7511	7644	7778	7911	8044	
57	8178	8311	8444	8578	8711	8844	8978	9111	9244	9377	
58	9511	9644	9777	9911	0044	0177	0311	0444	0577	0710	
59	513 0844	0977	1110	1243	1377	1510	1643	1776	1910	2043	
60	2176	2309	2442	2576	2709	2842	2975	3108	3242	3375	
3261	3508	3641	3774	3908	4041	4174	4307	4440	4573	4706	133
62	4840	4973	5106	5239	5372	5505	5638	5771	5905	6038	1 18
63	6171	6304	6437	6570	6703	6836	6969	7102	7235	7368	2 27
64	7502	7635	7768	7901	8034	8167	8300	8433	8566	8699	3 40
65	8832	8965	9098	9231	9364	9497	9630	9763	9896	0029	4 53
66	514 0162	0295	0428	0561	0694	0827	0960	1093	1226	1358	5 67
67	1491	1624	1757	1890	2023	2156	2289	2422	2555	2688	6 80
68	2820	2953	3086	3219	3352	3485	3618	3751	3883	4016	7 93
69	4149	4282	4415	4548	4681	4813	4946	5079	5212	5345	8 106
70	5478	5610	5743	5876	6009	6142	6274	6407	6540	6673	9 120
3271	6805	6938	7071	7204	7336	7469	7602	7735	7867	8000	
72	8133	8266	8398	8531	8664	8797	8929	9062	9195	9327	
73	9460	9593	9726	9858	9991	0123	0256	0389	0521	0654	
74	515 0787	0919	1052	1185	1317	1450	1583	1715	1848	1980	
75	2113	2246	2378	2511	2643	2776	2909	3041	3174	3306	
76	3439	3571	3704	3837	3969	4102	4234	4367	4499	4632	
77	4764	4897	5029	5162	5294	5427	5560	5692	5825	5957	
78	6089	6222	6354	6487	6619	6752	6884	7017	7149	7282	
79	7414	7547	7679	7811	7944	8076	8209	8341	8474	8606	
80	8738	8871	9003	9136	9268	9400	9533	9665	9798	9930	
3281	516 0062	0195	0327	0459	0592	0724	0856	0989	1121	1253	132
82	1386	1518	1650	1783	1915	2047	2180	2312	2444	2577	1 13
83	2709	2841	2973	3106	3238	3370	3502	3635	3767	3899	2 26
84	4031	4164	4296	4428	4560	4693	4825	4957	5089	5222	3 40
85	5354	5486	5618	5750	5883	6015	6147	6279	6411	6543	4 53
86	6676	6808	6940	7072	7204	7336	7469	7601	7733	7865	5 66
87	7997	8129	8261	8393	8526	8658	8790	8922	9054	9186	6 79
88	9318	9450	9582	9714	9846	9978	0111	0243	0375	0507	7 92
89	517 0639	0771	0903	1035	1167	1299	1431	1563	1695	1827	8 106
90	1959	2091	2223	2355	2487	2619	2751	2883	3015	3147	9 119
3291	3279	3411	3543	3675	3807	3939	4071	4202	4334	4466	
92	4598	4730	4862	4994	5126	5258	5390	5522	5654	5785	
93	5917	6049	6181	6313	6445	6577	6709	6840	6972	7104	
94	7236	7368	7500	7631	7763	7895	8027	8159	8291	8422	
95	8554	8686	8818	8950	9081	9213	9345	9477	9608	9740	
96	9872	0004	0136	0267	0399	0531	0663	0794	0926	1058	
97	518 1189	1321	1453	1585	1716	1848	1980	2111	2243	2375	
98	2507	2638	2770	2902	3033	3165	3297	3428	3560	3692	
99	3823	3955	4086	4218	4350	4481	4613	4745	4876	5008	
3300	5139	5271	5403	5534	5666	5797	5929	6061	6192	6324	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
3300	618	5139	5271	5403	5534	5665	5797	5929	6061	6192	6324
01	6455	6587	6719	6850	6981	7113	7245	7376	7508	7639	
02	7771	7902	8034	8165	8297	8428	8560	8691	8823	8954	
03	9086	9217	9349	9480	9612	9743	9875	0006	0137	0269	
04	819	0400	0532	0663	0795	0926	1058	1189	1320	1452	1583
05	1715	1846	1977	2109	2240	2372	2503	2634	2766	2897	
06	8028	3160	3291	8423	3554	3685	3817	3948	4079	4211	181
07	4342	4473	4605	4736	4867	4999	5130	5261	5392	5524	1 18
08	5655	5786	5918	6049	6180	6311	6443	6574	6705	6836	2 29
09	6968	7099	7230	7361	7493	7624	7755	7886	8018	8149	3 39
10	8280	8411	8542	8674	8805	8936	9067	9199	9329	9461	4 51
3311	9592	9723	9854	9985	0116	0248	0379	0510	0641	0772	5 62
12	520	0903	1034	1166	1297	1428	1559	1690	1821	1952	6 73
13	2214	2345	2477	2608	2739	2870	5001	5132	5263	5394	7 84
14	3525	8656	8787	3918	4049	4180	4311	4442	4573	4704	8 95
15	4835	4966	6097	5228	5359	5490	5621	5752	5883	6014	9 106
16	5146	6276	8407	6538	8669	8800	8931	7052	7193	7324	10 117
17	7455	7586	7717	7847	7978	8109	8240	8371	8502	8633	
18	8764	9895	9026	9158	9287	9418	9549	9680	9811	9942	
19	591	0073	0203	0334	0465	0596	0727	0858	0988	1119	
20	1391	1612	1642	1775	1904	2035	2166	2296	2427	2558	
3321	2699	2820	2950	3081	3212	3343	5476	3604	6735	3866	
22	3996	4127	4258	4389	4519	4650	4791	4921	5042	5173	
23	6305	6434	6565	6695	6826	6957	6099	6219	6349	6479	
24	6610	6741	6871	7002	7133	7268	7394	7525	7655	7786	
25	7916	9047	8178	9308	8439	8570	8700	8831	8961	9092	
26	9222	9953	9484	9614	9745	9875	0006	0136	0267	0397	
27	522	0529	0659	0799	0920	1050	1181	1311	1442	1572	
28	1886	1864	2094	2225	2356	2486	2616	2747	2877	3007	
29	5136	3266	3399	3529	3660	3790	3921	4051	4181	4312	
30	4442	4573	4703	4834	4964	5094	5225	5356	5486	5616	
3331	5746	5877	6007	6137	6268	6398	6529	6659	6789	6920	186
32	7050	7180	7311	7441	7571	7702	7832	7962	8093	8223	1 19
33	9358	8483	9614	8744	8874	9005	9135	9265	9395	9526	2 29
34	9856	9788	9918	0047	0177	0307	0437	0568	0698	0828	3 39
35	523	0958	1089	1219	1349	1479	1609	1740	1870	2000	4 51
36	2260	2391	2521	2651	2781	2911	3041	3172	3302	3432	5 62
37	3562	3692	3822	3952	4083	4213	4343	4476	4603	4733	6 73
38	4863	4993	5124	5254	5384	5514	5644	5774	5904	6034	7 84
39	6164	6294	6424	6554	6684	6814	6945	7075	7205	7335	8 95
40	7465	7595	7725	7856	7985	8115	8245	8375	8505	8635	9 106
3341	8765	8895	9025	9155	9285	9416	9545	9675	9805	9935	
42	524	0064	0194	0324	0454	0584	0714	0844	0974	1104	
43	1364	1494	1624	1753	1883	2013	2143	2273	2403	2533	
44	2663	2793	2922	3052	3182	3312	3442	3572	3702	3831	
45	3961	4091	4221	4351	4481	4610	4740	4870	5000	5130	
46	5289	5389	5519	5649	5779	5908	6038	6168	6298	6427	
47	0587	0687	0817	0946	7076	7206	7336	7465	7595	7725	
48	7854	7984	8114	8244	8378	8503	8633	8762	8892	9022	
49	9151	9281	0411	9540	9670	9800	9929	0059	0189	0318	
3350	525	0448	0579	0707	0837	0967	1096	1226	1355	1485	1615

No.	0	1	2	3	4	5	6	7	8	9	Diff.
3350	525 0448	0578	0707	0837	0967	1096	1226	1355	1485	1615	
51	1744	1874	2003	2133	2263	2392	2522	2651	2781	2911	
52	3040	3170	3299	3429	3558	3688	3817	3947	4076	4206	
53	4336	4465	4595	4724	4854	4983	5113	5242	5372	5501	
54	5631	5760	5890	6019	6148	6278	6407	6537	6666	6796	
55	6925	7055	7184	7314	7443	7572	7702	7831	7961	8090	
56	8220	8349	8478	8608	8737	8867	8996	9125	9255	9384	
57	9513	9643	9772	9902	0031	0160	0290	0419	0548	0678	
58	526 0807	0936	1066	1195	1324	1454	1583	1712	1841	1971	
59	2100	2229	2359	2488	2617	2746	2876	3005	3134	3264	
60	3393	3522	3651	3781	3910	4039	4168	4297	4427	4556	
3361	4685	4814	4944	5073	5202	5331	5460	5590	5719	5848	
62	5977	6106	6235	6365	6494	6623	6752	6881	7010	7140	129
63	7269	7398	7527	7656	7785	7914	8043	8173	8302	8431	1 13
64	8560	8689	8818	8947	9076	9205	9334	9463	9593	9722	2 26
65	9851	9980	0109	0238	0367	0496	0625	0754	0883	1012	3 39
66	527 1141	1270	1399	1528	1657	1786	1915	2044	2173	2302	4 52
67	2431	2560	2689	2818	2947	3076	3205	3334	3463	3592	5 65
68	3721	3850	3979	4108	4237	4366	4494	4623	4752	4881	6 77
69	5010	5139	5268	5397	5526	5655	5783	5912	6041	6170	7 90
70	6299	6428	6557	6686	6814	6943	7072	7201	7330	7459	8 103
3371	7568	7716	7845	7974	8103	8232	8360	8489	8618	8747	9 116
72	8876	9004	9133	9262	9391	9520	9648	9777	9906	0035	
73	528 0163	0292	0421	0550	0678	0807	0936	1065	1193	1322	
74	1451	1579	1708	1837	1966	2094	2223	2352	2480	2609	
75	2738	2866	2995	3124	3252	3381	3510	3638	3767	3896	
76	4024	4153	4282	4410	4539	4668	4796	4925	5053	5182	
77	5311	5439	5568	5696	5825	5954	6082	6211	6339	6468	
78	6596	6725	6854	6982	7111	7239	7368	7496	7625	7753	
79	7882	8010	8139	8267	8396	8525	8653	8782	8910	9039	
80	9167	9295	9424	9552	9681	9809	9938	0066	0195	0323	
3381	529 0452	0580	0709	0837	0965	1094	1222	1351	1479	1608	
82	1736	1864	1993	2121	2250	2378	2506	2635	2763	2892	
83	3020	3148	3277	3405	3533	3662	3790	3919	4047	4175	
84	4304	4432	4560	4689	4817	4945	5074	5202	5330	5458	
85	5587	5715	5843	5972	6100	6228	6356	6485	6613	6741	
86	6870	6998	7126	7254	7383	7511	7639	7767	7896	8024	
87	8152	8280	8408	8537	8665	8793	8921	9049	9178	9306	
88	9434	9562	9690	9819	9947	0075	0203	0331	0459	0588	
89	530 0716	0844	0972	1100	1228	1356	1485	1613	1741	1869	
90	1977	2125	2253	2381	2509	2637	2766	2894	3022	3150	
3391	3278	3406	3534	3662	3790	3918	4046	4174	4302	4430	
92	4558	4686	4814	4943	5071	5199	5327	5455	5583	5711	
93	5839	5967	6095	6223	6351	6479	6607	6734	6862	6990	
94	7118	7246	7374	7502	7630	7758	7886	8014	8142	8270	
95	8398	8526	8654	8782	8909	9037	9165	9293	9421	9549	128
96	9677	9805	9933	0060	0188	0316	0444	0572	0700	0828	
97	531 0955	1083	1211	1339	1467	1595	1722	1850	1978	2106	
98	2234	2362	2489	2617	2745	2873	3001	3128	3256	3384	
99	3512	3639	3767	3895	4023	4150	4278	4406	4534	4661	
3400	4789	4917	5045	5172	5300	5428	5556	5683	5811	5939	

No.	0	1	2	3	4	5	6	7	8	9	Diff.	
3400	531	4789	4917	5045	5172	6300	5428	5556	5683	5811	5939	129
01	6066	6194	6322	6449	6577	6705	6832	6960	7088	7215	1 25	
02	7343	7471	7598	7726	7854	7981	8109	8237	8364	8492	2 25	
03	8619	8747	8875	9002	9130	9258	9385	9513	9640	9768	3 25	
04	9896	0023	0151	0278	0406	0533	0661	0789	0916	1044	4 25	
05	532	1171	1299	1426	1554	1681	1809	1936	2064	2191	5 25	
06	2446	2574	2701	2829	2956	3084	3211	3339	3466	3594	6 25	
07	3721	3849	3976	4104	4231	4359	4486	4614	4741	4868	7 25	
08	4996	5123	5251	5378	5506	5633	5760	5888	6015	6143	8 25	
09	6270	6397	6525	6652	6780	6907	7034	7162	7289	7416	9 25	
10	7544	7671	7799	7926	8053	8181	8308	8435	8563	8690		
3411	8817	8945	9072	9199	9326	9454	9581	9708	9836	9963		
12	533	0090	0218	0345	0472	0599	0727	0854	0981	1108	1236	127
13	1363	1490	1617	1745	1872	1999	2126	2254	2381	2508	1 25	
14	2635	2762	2890	3017	3144	3271	3398	3526	3653	3780	2 25	
15	3907	4034	4161	4289	4416	4543	4670	4797	4924	5051	3 25	
16	5179	5306	5433	5560	5687	5814	5941	6068	6196	6323	4 25	
17	6450	6577	6704	6831	6958	7085	7212	7339	7466	7594	5 25	
18	7721	7848	7975	8102	8229	8356	8483	8610	8737	8864	6 25	
19	8991	9118	9245	9372	9499	9626	9753	9880	0007	0134	7 25	
20	834	0261	0388	0515	0642	0769	0896	1023	1150	1277	8 25	
3421	1531	1656	1785	1913	2039	2165	2292	2419	2546	2676	9 25	
22	2800	2927	3054	3181	3306	3435	3561	3686	3815	3942	1 25	
23	4069	4198	4323	4450	4576	4703	4830	4957	5084	5211	2 25	
24	5338	5464	5591	5718	5848	5972	6099	6225	6352	6479	3 25	
25	6606	6733	6859	6986	7113	7240	7366	7493	7620	7747	4 25	
26	7874	8000	8127	8254	8381	8507	8634	8761	8888	9014	5 25	
27	9141	9268	9394	9521	9646	9778	9901	0028	0153	0281	6 25	
28	535	0408	0535	0662	0788	0915	1042	1168	1295	1422	7 25	
29	1675	1802	1928	2055	2181	2308	2435	2561	2688	2815	8 25	
30	2941	3068	3194	3321	3448	3574	3701	3827	3954	4081	9 25	
3431	4207	4334	4460	4587	4713	4840	4967	5093	5220	5346		
32	5473	5599	5726	5852	5979	6105	6239	6359	6485	6612		
33	6738	6865	6991	7118	7244	7371	7497	7623	7750	7876		
34	8003	8129	8258	8382	8509	8635	8762	8888	9015	9141		
35	9267	9394	9520	9647	9773	9900	0026	0152	0279	0405		
36	538	0532	0658	0784	0911	1037	1163	1290	1416	1543		
37	1795	1922	2048	2174	2301	2427	2553	2680	2806	2932		
38	3059	3185	3311	3438	3564	3690	3817	3943	4069	4195		
39	4322	4448	4574	4701	4827	4953	5079	5205	5332	5458		
40	5584	5711	5837	5963	6089	6216	6342	6468	6594	6721		
3441	6847	6973	7099	7225	7352	7478	7604	7730	7856	7982		
42	8109	8235	8361	8487	8613	8739	8866	8992	9118	9244		
43	9370	9496	9622	9749	9875	0001	0127	0253	0379	0505		
44	537	0631	0758	0884	1010	1136	1262	1388	1514	1640	1766	126
45	1892	2018	2144	2270	2395	2523	2649	2775	2901	3027		
46	3153	3279	3405	3531	3657	3783	3909	4035	4161	4287		
47	4413	4539	4665	4791	4917	5043	5169	5295	5421	5547		
48	5673	5799	5924	6050	6176	6302	6428	6554	6680	6806		
49	6932	7058	7184	7310	7436	7561	7687	7813	7939	8065		
3450	8191	8317	8443	8569	8694	8820	8946	9072	9198	9324		

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3450	537 8191	8317	8443	8569	8694	8820	8946	9072	9198	9324	
51	9450	9575	9701	9827	9953	0079	0205	0330	0456	0582	126
52	538 0708	0834	0959	1085	1211	1337	1463	1588	1714	1840	1 13
53	1966	2092	2217	2343	2469	2595	2720	2846	2972	3098	2 25
54	3223	3349	3475	3601	3726	3852	3978	4103	4229	4355	3 38
55	4481	4606	4732	4858	4983	5109	5235	5360	5486	5612	4 50
56	5737	5863	5989	6114	6240	6366	6491	6617	6743	6868	5 63
57	6994	7119	7245	7371	7496	7622	7747	7873	7999	8124	6 76
58	8250	8375	8501	8627	8752	8878	9003	9129	9255	9380	7 88
59	9506	9631	9757	9882	0008	0133	0259	0384	0510	0635	8 101
60	539 0761	0887	1012	1138	1263	1389	1514	1640	1765	1891	9 118
3401	2016	2141	2267	2392	2518	2643	2769	2894	3020	3145	
62	3271	3396	3522	3647	3772	3898	4023	4149	4274	4400	
63	4525	4650	4776	4901	5027	5152	5277	5403	5528	5653	125
64	5779	5904	6030	6155	6280	6406	6531	6656	6782	6907	1 18
65	7032	7158	7283	7408	7534	7659	7784	7910	8035	8160	2 25
66	8286	8411	8536	8661	8787	8912	9037	9163	9288	9413	3 38
67	9538	9664	9789	9914	0039	0165	0290	0415	0540	0665	4 50
68	540 0791	0916	1041	1167	1292	1417	1542	1667	1793	1918	5 63
69	2043	2168	2293	2419	2544	2669	2794	2919	3044	3170	6 76
70	3293	3420	3545	3670	3795	3920	4046	4171	4296	4421	7 88
3471	4546	4671	4796	4921	5047	5172	5297	5422	5547	5672	8 100
72	5797	5922	6047	6172	6297	6423	6548	6673	6798	6923	9 118
73	7048	7173	7298	7423	7548	7673	7798	7923	8048	8173	
74	8298	8423	8548	8673	8798	8923	9048	9173	9298	9423	
75	9548	9673	9798	9923	0048	0173	0298	0423	0548	0673	
76	541 0798	0923	1048	1173	1297	1422	1547	1672	1797	1923	
77	2047	2172	2297	2422	2546	2671	2796	2921	3046	3171	
78	3296	3421	3546	3670	3795	3920	4045	4170	4295	4419	
79	4544	4669	4794	4919	5044	5168	5293	5418	5543	5668	
80	5792	5917	6042	6167	6292	6416	6541	6666	6791	6915	
3481	7040	7165	7290	7415	7539	7664	7789	7913	8038	8163	
82	8288	8412	8537	8662	8787	8911	9036	9161	9285	9410	
83	9535	9659	9784	9909	0033	0158	0283	0407	0532	0657	
84	542 0781	0906	1031	1155	1280	1405	1529	1654	1779	1903	
85	2028	2152	2277	2402	2526	2651	2775	2900	3025	3149	
86	3274	3398	3523	3648	3772	3897	4021	4146	4270	4395	
87	4519	4644	4769	4893	5018	5142	5267	5391	5516	5640	
88	5765	5889	6014	6138	6263	6387	6512	6636	6761	6885	
89	7010	7134	7259	7383	7508	7632	7756	7881	8005	8130	
90	8254	8379	8503	8628	8752	8876	9001	9125	9250	9374	
3491	9498	9623	9747	9872	9996	0120	0245	0369	0494	0618	
92	543 0742	0867	0991	1115	1240	1364	1488	1613	1737	1862	
93	1986	2110	2235	2359	2483	2607	2732	2856	2980	3105	
94	3229	3353	3478	3602	3726	3850	3975	4099	4223	4348	
95	4472	4596	4720	4845	4969	5093	5217	5342	5466	5590	
96	5714	5838	5963	6087	6211	6335	6460	6584	6708	6832	
97	6956	7081	7205	7329	7453	7577	7701	7826	7950	8074	
98	8198	8322	8446	8571	8695	8819	8943	9067	9191	9315	
99	9439	9564	9688	9812	9936	0060	0184	0308	0432	0556	124
3500	544 0680	0805	0929	1053	1177	1301	1425	1549	1673	1797	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
3500	544 0680	0805	0929	1053	1177	1301	1425	1549	1673	1797	
01	1921	2045	2169	2293	2417	2541	2665	2789	2913	3037	124
02	3161	3285	3409	3533	3657	3781	3905	4029	4153	4277	1 13
03	4401	4525	4649	4773	4897	5021	5145	5269	5393	5517	2 25
04	5641	5765	5889	6013	6137	6261	6385	6508	6632	6756	3 37
05	6880	7004	7128	7252	7376	7500	7624	7747	7871	7995	4 50
06	8119	8243	8367	8491	8615	8738	8862	8988	9110	9234	5 63
07	9358	9481	9605	9729	9853	9977	0101	0224	0348	0472	6 74
08	845 0596	0720	0843	0967	1091	1215	1339	1462	1586	1710	7 87
09	1834	1957	2081	2205	2329	2452	2576	2700	2824	2947	8 99
10	3071	3195	3319	3442	3566	3690	3813	3937	4061	4185	9 112
3511	4308	4432	4556	4679	4803	4927	5050	5174	5298	5421	
12	5545	5669	5792	5916	6040	6163	6287	6411	6534	6658	
13	6781	6905	7029	7152	7276	7400	7523	7647	7770	7894	
14	8018	8141	8265	8388	8512	8635	8759	8883	9006	9130	
15	9253	9377	9500	9624	9747	9871	9995	0118	0242	0365	
16	846 0489	0612	0736	0859	0983	1106	1230	1353	1477	1600	
17	1734	1847	1971	2094	2218	2341	2465	2588	2711	2835	
18	2958	3082	3205	3329	3452	3576	3699	3822	3946	4069	
19	4193	4316	4439	4563	4686	4810	4933	5056	5180	5303	
20	5427	5550	5673	5797	5920	6043	6167	6290	6414	6537	
3521	8660	6784	6907	7030	7154	7277	7400	7524	7647	7770	
22	7894	8017	8140	8263	8387	8510	8633	8757	8880	9003	
23	9128	9250	9373	9496	9620	9743	9866	9989	0113	0236	
24	547 0359	0482	0605	0729	0852	0975	1098	1222	1345	1468	
25	1891	1714	1838	1961	2084	2207	2330	2454	2577	2700	
26	2823	2946	3069	3193	3316	3439	3562	3685	3808	3931	
27	4055	4178	4301	4424	4547	4670	4793	4916	5040	5163	
28	5288	5409	5532	5655	5776	5901	6024	6147	6270	6394	
29	6517	6640	6763	6886	7009	7132	7255	7378	7501	7624	
30	7747	7870	7993	8116	8239	8362	8485	8608	8731	8854	
3531	8977	9100	9223	9346	9469	9592	9715	9838	9961	0084	
32	848 0207	0330	0453	0576	0699	0822	0945	1068	1191	1313	
23	1436	1559	1682	1805	1928	2051	2174	2297	2420	2543	
34	2685	2788	2911	3034	3157	3280	3403	3526	3648	3771	123
35	3894	4017	4140	4263	4386	4508	4631	4754	4877	5000	1 13
36	5123	5245	5368	5491	5614	5737	5859	5982	6105	6228	2 25
37	6351	6473	6596	6719	6842	6964	7087	7210	7333	7456	3 37
38	7578	7701	7824	7947	8069	8192	8315	8437	8560	8683	4 49
39	8806	8928	9051	9174	9296	9419	9542	9665	9787	9910	5 62
40	549 0038	0155	0278	0401	0523	0646	0769	0891	1014	1137	6 74
3541	1259	1382	1505	1627	1750	1872	1995	2118	2240	2363	7 86
42	2486	2608	2731	2853	2976	3099	3221	3344	3466	3589	8 98
43	3712	3834	3957	4079	4202	4324	4447	4569	4692	4815	9 111
44	4937	5060	5182	5305	5427	5550	5672	5795	5917	6040	
45	6162	6285	6407	6530	6652	6775	6897	7020	7142	7265	
46	7387	7510	7632	7755	7877	8000	8122	8245	8367	8489	
47	8712	8834	8957	9079	9202	9324	9447	9569	9692	9814	
48	9838	9959	0081	0203	0326	0448	0570	0693	0815	0938	
49	550 1060	1182	1305	1427	1549	1672	1794	1917	2039	2161	
3550	2284	2406	2528	2651	2773	2895	3017	3140	3262	3384	

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3550	550 2284	2406	2528	2651	2773	2895	3017	3140	3262	3384	
51	3507	3629	3751	3874	3996	4118	4240	4363	4485	4607	
52	4730	4852	4974	5096	5219	5341	5463	5585	5708	5830	
53	5952	6074	6197	6319	6441	6563	6685	6808	6930	7052	
54	7174	7296	7419	7541	7663	7785	7907	8030	8152	8274	122
55	8396	8518	8640	8763	8885	9007	9129	9251	9373	9495	1 12
56	9618	9740	9862	9984	0106	0228	0350	0472	0594	0717	2 24
57	551 0839	0961	1083	1205	1327	1449	1571	1693	1815	1937	3 37
58	2059	2181	2304	2426	2548	2670	2792	2914	3036	3158	4 49
59	3280	3402	3524	3646	3768	3890	4012	4134	4256	4378	5 61
60	4500	4622	4744	4866	4988	5110	5232	5354	5476	5598	6 73
3561	5720	5842	5964	6086	6208	6329	6451	6573	6695	6817	7 85
62	6939	7061	7183	7305	7427	7549	7671	7793	7914	8036	8 96
63	8158	8280	8402	8524	8646	8768	8890	9011	9133	9255	9 110
64	9377	9499	9621	9743	9864	9986	0108	0230	0352	0474	
65	552 0595	0717	0839	0961	1083	1204	1326	1448	1570	1692	
66	1813	1935	2057	2179	2301	2422	2544	2666	2788	2909	
67	3031	3153	3275	3396	3518	3640	3762	3883	4005	4127	
68	4248	4370	4492	4614	4735	4857	4979	5100	5222	5344	
69	5465	5587	5709	5831	5952	6074	6196	6317	6439	6561	
70	6682	6804	6925	7047	7169	7290	7412	7534	7655	7777	
3571	7899	8020	8142	8263	8385	8507	8629	8750	8871	8993	
72	9115	9236	9358	9479	9601	9722	9844	9965	0087	0209	
73	553 0330	0452	0573	0695	0816	0938	1059	1181	1302	1424	
74	1545	1667	1789	1910	2032	2153	2275	2396	2517	2639	
75	2760	2882	3003	3125	3246	3368	3489	3611	3732	3854	
76	3975	4097	4218	4339	4461	4582	4704	4825	4947	5068	
77	5189	5311	5432	5554	5675	5796	5918	6039	6161	6282	
78	6403	6525	6646	6767	6889	7010	7132	7253	7374	7496	
79	7617	7738	7860	7981	8102	8224	8345	8466	8588	8709	
80	8830	8952	9073	9194	9315	9437	9558	9679	9801	9922	
3581	554 0043	0164	0286	0407	0528	0650	0771	0892	1013	1135	
82	1256	1377	1498	1620	1741	1862	1983	2104	2226	2347	
83	2468	2589	2710	2832	2953	3074	3195	3316	3438	3559	
84	3680	3801	3922	4044	4165	4286	4407	4528	4649	4770	
85	4892	5013	5134	5255	5376	5497	5618	5740	5861	5982	
86	6103	6224	6345	6466	6587	6708	6829	6951	7072	7193	
87	7314	7435	7556	7677	7798	7919	8040	8161	8282	8403	
88	8524	8645	8766	8887	9008	9130	9251	9372	9493	9614	
89	9735	9856	9977	0098	0219	0340	0461	0582	0703	0824	
90	555 0944	1065	1186	1307	1428	1549	1670	1791	1912	2033	121
3591	2154	2275	2396	2517	2638	2759	2880	3001	3121	3242	1 12
92	3368	3489	3609	3729	3847	3968	4089	4210	4330	4451	2 24
93	4572	4693	4814	4935	5056	5176	5297	5418	5539	5660	3 36
94	5781	5902	6022	6143	6264	6385	6506	6627	6747	6868	4 48
95	6989	7110	7231	7351	7472	7593	7714	7835	7955	8076	5 61
96	8187	8318	8438	8559	8680	8801	8921	9042	9163	9284	6 73
97	9404	9525	9646	9767	9887	0008	0129	0249	0370	0491	7 85
98	556 0612	0732	0853	0974	1094	1215	1336	1456	1577	1698	8 97
99	1818	1939	2060	2180	2301	2422	2542	2663	2784	2904	9 109
3600	3023	3146	3266	3387	3508	3628	3749	3869	3990	4111	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
3600	556 3025	3146	3266	3387	3508	3628	3749	3869	3990	4111	
01	4231	4352	4472	4593	4714	4834	4955	5075	5196	5317	
02	5437	5558	5678	5799	5919	6040	6160	6281	6402	6522	
03	6643	6763	6884	7004	7125	7245	7366	7486	7607	7727	
04	7848	7968	8089	8209	8330	8450	8571	8691	8812	8932	
05	9053	9173	9294	9414	9535	9658	9775	9896	0016	0137	
06	687 0257	0378	0498	0619	0739	0859	0980	1100	1221	1341	
07	1461	1582	1702	1823	1943	2063	2184	2304	2425	2545	
08	2665	2786	2906	3026	3147	3267	3387	3508	3628	3748	
09	3869	3989	4109	4230	4350	4470	4591	4711	4831	4952	
10	6072	5192	6313	6433	6553	6673	6794	6914	7034	7155	
6611	6275	6395	6515	6638	6756	6876	6996	7117	7237	7357	
12	7477	7598	7718	7838	7958	8079	8199	8319	8439	8559	
13	8680	8800	8920	9040	9160	9281	9401	9521	9641	9761	
14	9881	0002	0122	0242	0362	0482	0602	0723	0843	0963	
15	858 1083	1203	1323	1443	1564	1684	1804	1924	2044	2164	
16	2284	2404	2524	2645	2765	2885	3005	3125	3245	3365	
17	3465	3605	3725	3845	3965	4085	4205	4325	4446	4566	
18	4686	4806	4926	5046	5166	5286	5406	5526	5646	5766	
19	5866	6006	6126	6246	6366	6486	6606	6726	6846	6966	
20	7086	7206	7326	7440	7566	7686	7808	7925	8045	8166	
3621	8285	8405	8525	8645	8765	8885	9005	9125	9245	9365	
22	9494	9604	9724	9844	9964	0084	0204	0324	0444	0563	
23	859 0683	0803	0923	1043	1163	1283	1403	1523	1643	1762	
24	1882	2002	2122	2241	2361	2481	2601	2721	2840	2960	
25	8090	3200	3320	3440	3559	3679	3798	3919	4038	4159	
26	4278	4398	4518	4637	4767	4877	4997	5116	5236	5356	120
27	5476	5596	5716	5835	5964	6074	6194	6314	6433	6553	1 12
28	6673	6792	6912	7032	7152	7271	7391	7511	7630	7750	2 24
29	7870	7989	8109	8229	8348	8468	8588	8707	8827	8947	3 36
30	9066	9186	9306	9426	9546	9664	9784	9904	0023	0143	4 48
3631	560 0262	0382	0502	0621	0741	0860	0980	1100	1219	1339	5 60
32	1459	1579	1698	1817	1937	2056	2176	2296	2416	2534	6 72
33	2654	2774	2893	3013	3132	3252	3371	3491	3610	3730	7 84
34	3849	3969	4088	4209	4327	4447	4566	4686	4805	4925	8 96
35	5044	5164	5283	5403	5522	5641	5761	5880	6000	6119	9 108
36	6239	6358	6478	6597	6718	6836	6955	7075	7194	7314	
37	7433	7552	7672	7791	7911	8030	8149	8269	8388	8508	
38	8627	8746	8866	8985	9104	9224	9343	9463	9582	9701	
39	9821	9940	0059	0179	0298	0417	0537	0656	0775	0895	
40	861 1014	1133	1252	1372	1491	1610	1730	1849	1969	2088	
6641	2207	2326	2445	2565	2684	2803	2922	3042	3161	3280	
42	3399	3519	3638	3757	3878	3996	4115	4234	4353	4472	
43	4592	4711	4830	4949	5069	5188	5307	5426	5545	5668	
44	5784	5903	6022	6141	6260	6380	6499	6618	6737	6856	
45	6978	7094	7214	7333	7452	7571	7690	7809	7928	8048	119
46	8157	8286	8405	8524	8643	8762	8881	9000	9119	9239	
47	9358	9477	9596	9715	9834	9953	0072	0191	0310	0429	
48	562 0548	0667	0786	0905	1024	1144	1263	1382	1501	1620	
49	1739	1858	1977	2098	2216	2334	2453	2572	2691	2810	
8650	2929	3048	3167	3286	3405	3524	3643	3761	3880	3999	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
3650	562 2929	3048	3167	3286	3405	3524	3642	3761	3880	3999	
51	4118	4237	4356	4475	4594	4713	4832	4951	5070	5189	119
52	5308	5427	5546	5664	5783	5902	6021	6140	6259	6378	1 12
53	6497	6616	6734	6853	6972	7091	7210	7329	7448	7567	2 24
54	7685	7804	7923	8042	8161	8280	8398	8517	8636	8755	3 36
55	8874	8993	9111	9230	9349	9468	9587	9705	9824	9943	4 48
56	563 0062	0181	0299	0418	0537	0656	0775	0893	1012	1131	5 60
57	1250	1368	1487	1606	1725	1843	1962	2081	2200	2318	6 71
58	2437	2556	2674	2793	2912	3031	3149	3268	3387	3505	7 83
59	3624	3743	3861	3980	4099	4218	4336	4455	4574	4692	8 95
60	4811	4930	5048	5167	5285	5404	5523	5641	5760	5879	9 107
3661	5997	6116	6235	6353	6472	6590	6709	6828	6946	7065	
62	7183	7302	7421	7539	7658	7776	7895	8013	8132	8251	
63	8369	8488	8606	8725	8843	8962	9081	9199	9318	9436	
64	9555	9673	9792	9910	0029	0147	0266	0384	0503	0621	
65	564 0740	0858	0977	1095	1214	1332	1451	1569	1688	1806	
66	1925	2043	2162	2280	2398	2517	2635	2754	2872	2991	
67	3109	3228	3346	3464	3583	3701	3820	3938	4056	4175	
68	4293	4412	4530	4648	4767	4885	5004	5122	5240	5359	
69	5477	5595	5714	5832	5951	6069	6187	6306	6424	6542	
70	6661	6779	6897	7016	7134	7252	7371	7489	7607	7726	
3671	7844	7962	8080	8199	8317	8435	8554	8672	8790	8908	
72	9027	9145	9263	9382	9500	9618	9736	9855	9973	0091	
73	565 0209	0328	0446	0564	0682	0800	0919	1037	1155	1273	
74	1392	1510	1628	1746	1864	1983	2101	2219	2337	2455	
75	2573	2692	2810	2928	3046	3164	3282	3401	3519	3637	
76	3755	3873	3991	4109	4228	4346	4464	4582	4700	4818	
77	4936	5054	5173	5291	5409	5527	5645	5763	5881	5999	
78	6117	6236	6353	6471	6590	6708	6826	6944	7062	7180	
79	7298	7416	7534	7652	7770	7888	8006	8124	8242	8360	
80	8478	8596	8714	8832	8950	9068	9186	9304	9422	9540	
3681	9658	9776	9894	0012	0130	0248	0366	0484	0602	0720	118
82	566 0838	0956	1074	1192	1310	1428	1545	1663	1781	1899	1 12
83	2017	2135	2253	2371	2489	2607	2725	2843	2960	3078	2 24
84	3196	3314	3432	3550	3668	3786	3903	4021	4139	4257	3 36
85	4375	4493	4611	4728	4846	4964	5082	5200	5318	5435	4 47
86	5553	5671	5789	5907	6025	6142	6260	6378	6496	6614	5 59
87	6731	6849	6967	7085	7203	7320	7438	7556	7674	7791	6 71
88	7909	8027	8145	8262	8380	8498	8616	8733	8851	8969	7 83
89	9087	9204	9322	9440	9557	9675	9793	9911	0028	0146	8 94
90	567 0264	0381	0499	0617	0734	0852	0970	1087	1205	1323	9 106
3691	1440	1558	1676	1793	1911	2029	2146	2264	2382	2499	
92	2617	2735	2852	2970	3087	3205	3323	3440	3558	3675	
93	3793	3911	4028	4146	4263	4381	4499	4616	4734	4851	
94	4969	5086	5204	5322	5439	5557	5674	5792	5909	6027	
95	6144	6262	6379	6497	6615	6732	6850	6967	7085	7202	
96	7320	7437	7555	7672	7790	7907	8025	8142	8260	8377	
97	8495	8612	8729	8847	8964	9082	9199	9317	9434	9552	
98	9669	9787	9904	0021	0139	0256	0374	0491	0608	0726	
99	568 0843	0961	1078	1196	1313	1430	1548	1665	1782	1900	
3700	2017	2135	2252	2369	2487	2604	2721	2839	2956	3074	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
3700	568	2017	2135	2252	2369	2487	2604	2721	2839	2956	3074
01	8191	3308	3426	3543	3660	3778	3895	4012	4130	4247	
02	4364	4481	4599	4716	4833	4951	5068	5185	5303	5420	
03	5537	5654	5772	5889	6008	6123	6241	6358	6475	6593	
04	6710	6827	6944	7062	7179	7296	7413	7530	7648	7765	
05	7882	7999	8117	8234	8351	8468	8585	8703	8820	8937	
06	9054	9171	9289	9408	9523	9640	9757	9874	9992	0109	
07	569	0226	0343	0460	0577	0694	0812	0929	1046	1163	1280
08	1397	1514	1631	1749	1866	1983	2100	2217	2334	2451	
09	2568	2685	2803	2920	3037	3154	3271	3388	3505	3622	
10	3739	3856	3973	4090	4207	4324	4441	4558	4675	4793	
3711	4910	5027	5144	5261	5378	5495	5612	5729	5846	5963	
12	6080	6197	6314	6431	6548	6665	6782	6899	7016	7133	117
13	7249	7366	7483	7600	7717	7834	7951	8068	8185	8302	1 13
14	8419	8536	8653	8770	8887	9004	9121	9237	9354	9471	2 23
15	9588	9705	9822	9939	0056	0173	0290	0406	0523	0640	3 35
18	570	0757	0874	0991	1108	1225	1341	1458	1575	1692	4 47
17	1926	2042	2159	2276	2393	2510	2627	2743	2860	2977	5 59
18	3094	3211	3327	3444	3561	3678	3795	3911	4028	4145	6 70
19	4262	4378	4495	4612	4729	4848	4962	5079	5196	5313	7 82
20	6423	5546	5663	5780	5896	6013	6130	6247	6363	6480	8 94
3721	6597	6713	6830	6947	7064	7180	7297	7414	7530	7647	9 106
22	7764	7880	7997	8114	8230	8347	8464	8580	8697	8814	
23	8930	9047	9164	9280	9397	9514	9630	9747	9863	9980	
24	571	0097	0218	0330	0447	0568	0680	0796	0913	1030	
25	1263	1379	1496	1613	1729	1846	1962	2079	2195	2319	
26	2429	2545	2662	2778	2895	3011	3126	3244	3361	3477	
27	3594	3710	3827	3943	4060	4177	4293	4410	4526	4643	
28	4759	4876	4992	5109	5225	5341	5458	5574	5691	5807	
29	6024	6040	6157	6273	6390	6506	6623	6739	6855	6972	
30	7088	7205	7321	7438	7554	7670	7787	7903	8020	8136	
3731	8252	8369	8485	8602	8718	8834	8951	9067	9184	9300	
32	9416	9533	9649	9765	9882	9998	0115	0231	0347	0464	
33	572	0580	0696	0813	0929	1045	1162	1278	1394	1511	
34	1743	1859	1976	2092	2208	2325	2441	2557	2674	2790	
35	2906	3022	3139	3255	3371	3487	3604	3720	3836	3952	
36	4069	4185	4301	4417	4534	4650	4766	4882	4999	5115	
37	5231	5347	5463	5580	5696	5812	5928	6044	6161	6277	116
38	6393	6509	6625	6742	6858	6974	7090	7206	7322	7438	1 12
39	7555	7671	7787	7903	8019	8135	8252	8368	8484	8600	2 22
40	8716	8832	8948	9064	9180	9297	9413	9529	9645	9761	3 35
3741	9877	9993	0109	0225	0341	0457	0574	0690	0806	0922	4 46
42	573	1038	1154	1270	1386	1502	1618	1734	1850	1966	5 58
43	2193	2314	2430	2548	2662	2778	2894	3010	3126	3242	6 70
44	3358	3474	3590	3706	3822	3938	4054	4170	4286	4402	7 81
45	4518	4634	4750	4866	4982	5098	5214	5330	5446	5562	8 93
46	5678	5794	5910	6026	6141	6257	6373	6489	6605	6721	9 104
47	6837	6953	7069	7185	7301	7416	7532	7648	7764	7880	
48	7996	8112	8228	8344	8459	8575	8691	8807	8923	9039	
49	9154	9270	9386	9502	9618	9734	9849	9965	0081	0197	
8750	574	0313	0428	0544	0660	0778	0892	1007	1123	1239	1355

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3750	5740313	0428	0544	0660	0776	0892	1007	1123	1239	1355	
51	1471	1586	1702	1818	1934	2050	2165	2281	2397	2513	
52	2628	2744	2860	2976	3091	3207	3323	3438	3554	3670	
53	3786	3901	4017	4133	4248	4364	4480	4596	4711	4827	
54	4943	5058	5174	5290	5405	5521	5637	5752	5868	5984	
55	6099	6215	6331	6446	6562	6678	6793	6909	7025	7140	
56	7256	7371	7487	7603	7718	7834	7950	8065	8181	8296	
57	8412	8528	8643	8759	8874	8990	9105	9221	9337	9452	
58	9568	9683	9799	9914	0030	0146	0261	0377	0492	0608	
59	575 0723	0839	0954	1070	1185	1301	1416	1532	1647	1763	
60	1878	1994	2109	2225	2340	2456	2571	2687	2802	2918	
3761	3033	3149	3264	3380	3495	3611	3726	3842	3957	4072	
62	4188	4303	4419	4534	4650	4765	4881	4996	5111	5227	
63	5342	5458	5573	5688	5804	5919	6035	6150	6265	6381	
64	6496	6612	6727	6842	6958	7073	7188	7304	7419	7534	
65	7650	7765	7881	7996	8111	8227	8342	8457	8573	8688	
66	8803	8918	9034	9149	9264	9380	9495	9610	9726	9841	
67	9956	0071	0187	0302	0417	0533	0648	0763	0878	0994	
68	576 1109	1224	1339	1455	1570	1685	1800	1916	2031	2146	
69	2261	2377	2492	2607	2722	2837	2953	3068	3183	3298	
70	3414	3529	3644	3759	3874	3989	4105	4220	4335	4450	
3771	4565	4680	4796	4911	5026	5141	5256	5371	5487	5602	115
72	5717	5832	5947	6062	6177	6292	6408	6523	6638	6753	1 12
73	6868	6983	7098	7213	7328	7444	7559	7674	7789	7904	2 23
74	8019	8134	8249	8364	8479	8594	8709	8824	8939	9055	3 35
75	9170	9285	9400	9515	9630	9745	9860	9975	0090	0205	4 46
76	577 0320	0435	0550	0665	0780	0895	1010	1125	1240	1355	5 58
77	1470	1585	1700	1815	1930	2045	2160	2275	2390	2505	6 69
78	2620	2734	2849	2964	3079	3194	3309	3424	3539	3654	7 81
79	3769	3884	3999	4114	4229	4343	4458	4573	4688	4803	8 92
80	4918	5033	5148	5263	5378	5492	5607	5722	5837	5952	9 104
3781	6067	6182	6296	6411	6526	6641	6756	6871	6986	7100	
82	7215	7330	7445	7560	7675	7789	7904	8019	8134	8249	
83	8363	8478	8593	8708	8823	8937	9052	9167	9282	9397	
84	9511	9626	9741	9856	9970	0085	0200	0315	0429	0544	
85	578 0659	0774	0888	1003	1118	1233	1347	1462	1577	1691	
86	1806	1921	2036	2150	2265	2380	2494	2609	2724	2838	
87	2953	3068	3182	3297	3412	3526	3641	3756	3870	3985	
88	4100	4214	4329	4444	4558	4673	4788	4902	5017	5131	
89	5246	5361	5475	5590	5705	5819	5934	6048	6163	6278	
90	6392	6507	6621	6736	6850	6965	7080	7194	7309	7423	
3791	7538	7652	7767	7882	7996	8111	8225	8340	8454	8569	
92	8683	8798	8912	9027	9141	9256	9370	9485	9599	9714	
93	9823	9943	0057	0172	0286	0401	0515	0630	0744	0859	
94	579 0973	1088	1202	1317	1431	1546	1660	1774	1889	2003	
95	2118	2232	2347	2461	2576	2690	2804	2919	3033	3148	
96	3262	3376	3491	3605	3720	3834	3948	4063	4177	4292	
97	4406	4520	4635	4749	4863	4978	5092	5207	5321	5435	
98	5550	5664	5778	5893	6007	6121	6236	6350	6464	6579	
99	6693	6807	6922	7036	7150	7264	7379	7493	7607	7722	
3800	7836	7950	8065	8179	8293	8407	8522	8636	8750	8864	

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3800	579	7836	7950	8065	8179	8293	8407	8522	8636	8750	8854
01		8979	9093	9207	9321	9436	9550	9664	9778	9893	0007
02	580	0121	0235	0350	0464	0578	0692	0806	0921	1035	1149
03		1263	1377	1492	1606	1720	1834	1948	2063	2177	2291
04		2405	2519	2633	2746	2862	2976	3090	3204	3318	3432
05		3547	3661	3775	3889	4003	4117	4231	4345	4460	4574
06		4688	4802	4916	5030	5144	5258	5372	5487	5601	5715
07		5829	5943	6057	6171	6285	6399	6513	6627	6741	6856
08		6969	7083	7197	7312	7428	7540	7654	7768	7882	7996
09		8110	8224	8338	8452	8566	8680	8794	8908	9022	9138
10		9250	9364	9478	9592	9706	9820	9934	0048	0162	0276
3811	581	0389	0503	0617	0731	0845	0959	1073	1187	1301	1415
12		1529	1643	1757	1871	1985	2099	2212	2326	2440	2554
13		2668	2782	2896	3010	3124	3238	3351	3465	3579	3693
14		3807	3921	4035	4149	4262	4376	4490	4604	4718	4832
15		4945	5059	5173	5287	5401	5515	5628	5742	5856	5970
16		6084	6197	6311	6425	6539	6653	6766	6880	6994	7108
17		7222	7335	7449	7563	7677	7790	7904	8018	8132	8245
18		8359	8473	8587	8700	8814	8928	9042	9155	9269	9383
19		9497	9610	9724	9838	9951	0065	0179	0293	0406	0520
20	582	0634	0747	0861	0975	1086	1202	1318	1429	1543	1657
3321		1770	1884	1998	2111	2225	2339	2452	2566	2680	2793
22		2907	3020	3134	3248	3361	3475	3589	3702	3816	3929
23		4043	4157	4270	4384	4497	4611	4725	4838	4952	5065
24		5179	5292	5406	5520	5633	5747	5860	5974	6087	6201
25		6314	6428	6541	6655	6769	6882	6996	7109	7223	7336
26		7450	7563	7677	7790	7904	8017	8131	8244	8358	8471
27		8585	8698	8812	8925	9038	9152	9265	9379	9492	9605
28		9719	9833	9946	0059	0173	0287	0400	0513	0627	0740
29	583	0854	0967	1081	1194	1307	1421	1534	1646	1761	1874
30		1988	2101	2215	2328	2441	2555	2668	2781	2895	3008
3631		3122	3235	3348	3462	3575	3688	3802	3915	4028	4142
32		4255	4368	4482	4595	4706	4822	4935	5048	5162	5275
33		5388	5501	5615	5728	5841	5955	6068	6181	6295	6408
34		6521	6634	6746	6861	6974	7087	7201	7314	7427	7540
35		7654	7767	7880	7993	8107	8220	8333	8446	8560	8673
36		8786	8899	9012	9126	9239	9352	9465	9578	9692	9805
37		9916	0031	0144	0258	0371	0484	0597	0710	0823	0937
38	584	1050	1163	1276	1389	1502	1615	1729	1842	1955	2068
39		2181	2294	2407	2520	2634	2747	2860	2973	3088	3199
40		3312	3425	3538	3652	3765	3876	3991	4104	4217	4330
3841		4443	4556	4669	4782	4896	5006	5121	5234	5348	5461
42		5574	5687	5800	5913	6026	6139	6252	6365	6478	6591
43		6704	6817	6930	7043	7156	7269	7382	7495	7608	7721
44		7834	7947	8060	8173	8286	8399	8512	8625	8738	8850
45		8963	9076	9189	9302	9415	9528	9641	9754	9867	9980
46	585	0093	0206	0319	0432	0544	0657	0770	0883	0996	1109
47		1223	1336	1448	1561	1673	1786	1899	2012	2125	2238
48		2351	2463	2576	2689	2802	2915	3028	3141	3253	3366
49		3479	3592	3705	3818	3930	4043	4156	4269	4382	4494
3850		4607	4720	4833	4946	5058	5171	5284	5397	5510	5622

114

1 11
2 23
3 34
4 46
5 57
6 68
7 80
8 91
9 103

No.	0	1	2	3	4	5	6	7	8	9	Diff.
3850	585 4607	4720	4833	4946	5058	5171	5284	5397	5510	5622	
51	5735	5848	5961	6073	6186	6299	6412	6525	6637	6750	
52	6863	6976	7088	7201	7314	7426	7539	7652	7765	7877	113
53	7990	8103	8216	8328	8441	8554	8666	8779	8892	9004	1 11
54	9117	9230	9342	9455	9568	9681	9793	9906	0019	0131	2 23
55	586 0244	0356	0469	0582	0694	0807	0920	1032	1145	1258	3 34
56	1370	1483	1596	1708	1821	1933	2046	2159	2271	2384	4 45
57	2496	2609	2722	2834	2947	3059	3172	3285	3397	3510	5 57
58	3622	3735	3847	3960	4072	4185	4298	4410	4523	4635	6 68
59	4748	4860	4973	5085	5198	5310	5423	5535	5648	5761	7 79
60	5873	5986	6098	6211	6323	6436	6548	6661	6773	6886	8 90
3861	6998	7110	7223	7335	7448	7560	7673	7785	7898	8010	9 102
62	8123	8235	8348	8460	8572	8685	8797	8910	9022	9135	
63	9247	9360	9472	9584	9697	9809	9922	0034	0146	0259	
64	587 0371	0484	0596	0708	0821	0933	1045	1158	1270	1383	
65	1495	1607	1720	1832	1944	2057	2169	2281	2394	2506	
66	2618	2731	2843	2955	3068	3180	3292	3405	3517	3629	
67	3742	3854	3966	4079	4191	4303	4416	4528	4640	4752	
68	4865	4977	5089	5201	5314	5426	5538	5651	5763	5875	
69	5987	6100	6212	6324	6436	6549	6661	6773	6885	6997	
70	7110	7223	7334	7446	7559	7671	7783	7895	8007	8120	
5871	8232	8344	8456	8568	8680	8793	8905	9017	9129	9241	
72	9353	9466	9578	9690	9802	9914	0026	0139	0251	0363	
73	588 0475	0587	0699	0811	0923	1036	1148	1260	1372	1484	
74	1596	1708	1820	1932	2045	2157	2269	2381	2493	2605	
75	2717	2829	2941	3053	3165	3277	3389	3502	3614	3726	112
76	3838	3950	4062	4174	4286	4398	4510	4622	4734	4846	1 11
77	4958	5070	5182	5294	5406	5518	5630	5742	5854	5966	2 22
78	6078	6190	6302	6414	6526	6638	6750	6862	6974	7086	3 34
79	7198	7310	7422	7534	7646	7758	7870	7981	8093	8205	4 45
80	8317	8429	8541	8653	8765	8877	8989	9101	9213	9325	5 56
3881	9436	9548	9660	9772	9884	9996	0108	0220	0332	0443	6 67
82	589 0555	0667	0779	0891	1003	1115	1227	1338	1450	1562	7 78
83	1674	1786	1898	2009	2121	2233	2345	2457	2569	2680	8 90
84	2792	2904	3016	3128	3239	3351	3463	3575	3687	3798	9 101
85	3910	4022	4134	4246	4357	4469	4581	4693	4804	4916	
86	5028	5140	5251	5363	5475	5587	5698	5810	5922	6034	
87	6145	6257	6369	6481	6592	6704	6816	6927	7039	7151	
88	7263	7374	7486	7598	7709	7821	7933	8044	8156	8268	
89	8379	8491	8603	8714	8826	8938	9049	9161	9273	9384	
90	9496	9608	9719	9831	9943	0054	0166	0277	0389	0501	
3891	590 0612	0724	0836	0947	1059	1170	1282	1394	1505	1617	
92	1728	1840	1951	2063	2175	2286	2398	2509	2621	2732	
93	2844	2956	3067	3179	3290	3402	3513	3625	3736	3848	
94	3959	4071	4183	4294	4406	4517	4629	4740	4852	4963	
95	5075	5186	5298	5409	5521	5632	5744	5855	5967	6078	
96	6189	6301	6412	6524	6635	6747	6858	6970	7081	7193	
97	7304	7415	7527	7638	7750	7861	7973	8084	8196	8307	
98	8418	8530	8641	8753	8864	8975	9087	9198	9310	9421	
99	9532	9644	9755	9866	9978	0089	0201	0312	0423	0535	
3900	591 0646	0757	0869	0980	1091	1203	1314	1426	1537	1648	

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3900	591 0646	0757	0869	0960	1091	1203	1314	1426	1537	1646	
01	1760	1871	1982	2093	2205	2316	2427	2539	2650	2761	
02	2873	2984	3095	3207	3318	3429	3540	3652	3763	3874	
03	3986	4097	4208	4319	4431	4542	4653	4764	4876	4987	
04	5098	5209	5321	5432	5543	5654	5765	5877	5988	6099	
05	6210	6322	6433	6544	6655	6766	6878	6989	7100	7211	
06	7322	7434	7545	7656	7767	7878	7989	8101	8212	8323	
07	8434	8545	8656	8766	8879	8990	9101	9212	9323	9434	
08	9546	9657	9768	9879	9990	0101	0212	0323	0434	0545	
09	692 0657	0788	0879	0990	1101	1212	1323	1434	1545	1658	
10	1768	1879	1990	2101	2212	2323	2434	2545	2656	2767	
3911	2878	2989	3100	3211	3322	3433	3544	3655	3766	3877	
12	3986	4099	4210	4321	4433	4544	4655	4766	4876	4987	
13	6096	6209	6320	6431	6542	6653	6764	6875	6988	7097	
14	6206	6319	6430	6541	6652	6763	6874	6985	7096	7207	
15	7316	7429	7540	7650	7761	7872	7983	8094	8205	8318	
16	8427	8538	8649	8760	8870	8981	9092	9203	9314	9425	
17	9536	9647	9757	9868	9979	0090	0201	0312	0423	0533	
18	693 0644	0755	0866	0977	1088	1199	1309	1420	1531	1642	
19	1753	1863	1974	2085	2196	2307	2417	2528	2639	2750	
20	2861	2971	3082	3193	3304	3415	3525	3636	3747	3856	
3921	3966	4079	4190	4301	4411	4522	4633	4744	4854	4965	
22	5076	5187	5297	5408	5519	5630	5740	5851	5962	6072	
23	6183	6294	6404	6515	6626	6737	6847	6956	7069	7179	
24	7290	7401	7511	7622	7733	7843	7954	8065	8175	8286	
25	8397	8507	8618	8729	8839	8950	9060	9171	9282	9392	
26	9503	9614	9724	9835	9945	0056	0167	0277	0388	0498	
27	594 0609	0720	0830	0941	1051	1162	1273	1383	1494	1604	
28	1715	1825	1936	2046	2167	2286	2397	2469	2599	2710	
29	2620	2931	3041	3152	3262	3373	3483	3594	3704	3816	
30	3926	4036	4147	4257	4366	4478	4588	4699	4809	4920	
3931	5030	5141	5251	5362	5472	5583	5693	5804	5914	6025	
32	6135	6246	6356	6468	6577	6687	6796	6908	7019	7129	
33	7239	7350	7460	7571	7681	7792	7902	8012	8123	8233	
34	8344	8454	8564	8673	8785	8895	9006	9116	9227	9337	
35	9447	9558	9668	9778	9889	9999	0110	0220	0330	0441	
36	695 0551	0661	0772	0882	0992	1103	1213	1323	1434	1544	
37	1654	1764	1875	1985	2095	2206	2318	2428	2537	2647	
38	2757	2867	2978	3088	3198	3308	3419	3529	3639	3750	
39	3860	3970	4080	4191	4301	4411	4521	4632	4742	4852	
40	4962	5072	5183	5293	5403	5513	5624	5734	5844	5954	
3941	6064	6175	6285	6395	6505	6615	6725	6836	6948	7056	
42	7166	7276	7387	7497	7607	7717	7827	7937	8047	8158	
43	8268	8378	8488	8598	8708	8818	8929	9039	9149	9259	
44	9369	9479	9589	9699	9810	9920	0030	0140	0250	0360	
45	596 0470	0580	0690	0800	0910	1020	1131	1241	1351	1461	
46	1571	1681	1791	1901	2011	2121	2231	2341	2451	2561	
47	2671	2781	2891	3001	3111	3221	3331	3441	3551	3661	
48	3771	3881	3991	4101	4211	4321	4431	4541	4651	4761	
49	4871	4981	5091	5201	5311	5421	5531	5641	5751	5861	
3950	6971	8081	6191	6301	6411	6521	6631	6741	6850	6960	

111

1 11

2 22

3 33

4 44

5 55

6 66

7 77

8 88

9 99

10 100

No.	0	1	2	3	4	5	6	7	8	9	Diff.
8950	596	5971	6081	6191	6301	6411	6521	6631	6741	6850	6960
51	7070	7180	7290	7400	7510	7620	7730	7840	7950	8059	
52	8169	8279	8389	8499	8609	8719	8829	8939	9048	9158	
53	9268	9378	9488	9598	9708	9817	9927	0037	0147	0257	
54	597	0367	0476	0586	0696	0806	0916	1026	1135	1245	1355
55	1465	1575	1684	1794	1904	2014	2124	2233	2343	2453	110
56	2563	2673	2782	2892	3002	3112	3221	3331	3441	3551	1 11
57	3661	3770	3880	3990	4009	4209	4319	4429	4538	4648	2 22
58	4758	4868	4977	5087	5197	5306	5416	5526	5636	5745	3 33
59	5855	5965	6074	6184	6294	6403	6513	6623	6733	6842	4 44
60	6952	7062	7171	7281	7391	7500	7610	7719	7829	7939	5 55
8961	8048	8158	8268	8377	8487	8597	8706	8816	8925	9035	6 66
62	9145	9254	9364	9474	9583	9693	9802	9912	0022	0131	7 77
63	598	0241	0350	0460	0569	0679	0789	0898	1008	1117	8 88
64	1336	1446	1556	1665	1775	1884	1994	2103	2213	2322	9 99
65	2432	2541	2651	2761	2870	2980	3089	3199	3308	3418	
66	3527	3637	3746	3856	3965	4075	4184	4294	4403	4513	
67	4622	4731	4841	4950	5060	5169	5279	5388	5498	5607	
68	5717	5826	5936	6045	6154	6264	6373	6483	6592	6702	
69	6811	6920	7030	7139	7249	7358	7467	7577	7686	7796	
70	7905	8014	8124	8233	8343	8452	8561	8671	8780	8890	
8971	8999	9108	9218	9327	9436	9546	9655	9764	9874	9983	
72	599	0092	0202	0311	0420	0530	0639	0748	0858	0967	
73	1186	1295	1404	1514	1623	1732	1841	1951	2060	2169	
74	2279	2388	2497	2606	2716	2825	2934	3044	3153	3262	
75	3371	3481	3590	3699	3808	3918	4027	4136	4245	4355	
76	4464	4573	4682	4791	4901	5010	5119	5228	5338	5447	
77	5556	5665	5774	5884	5993	6102	6211	6320	6429	6539	
78	6648	6757	6866	6975	7084	7194	7303	7412	7521	7630	
79	7739	7849	7958	8067	8176	8285	8394	8503	8612	8722	
80	8831	8940	9049	9158	9267	9376	9485	9594	9704	9813	
8981	9922	0031	0140	0249	0358	0467	0576	0685	0794	0903	
82	600	1013	1122	1231	1340	1449	1558	1667	1776	1885	
83	2103	2212	2321	2430	2539	2648	2757	2866	2975	3084	
84	3193	3302	3411	3520	3629	3738	3847	3956	4065	4174	
85	4283	4392	4501	4610	4719	4828	4937	5046	5155	5264	
86	5373	5482	5591	5700	5809	5918	6027	6136	6244	6353	
87	6462	6571	6680	6789	6898	7007	7116	7225	7334	7443	
88	7551	7660	7769	7878	7987	8096	8205	8314	8423	8531	
89	8640	8749	8858	8967	9076	9185	9294	9402	9511	9620	
90	9729	9838	9947	0055	0164	0273	0382	0491	0600	0708	109
8991	601	0817	0926	1035	1144	1253	1361	1470	1579	1688	1 11
92	1905	2014	2123	2232	2340	2449	2558	2667	2776	2884	2 22
93	2993	3102	3211	3319	3428	3537	3646	3754	3863	3972	3 33
94	4081	4189	4298	4407	4516	4624	4733	4842	4950	5059	4 44
95	5168	5277	5385	5494	5603	5711	5820	5929	6037	6146	5 55
96	6255	6363	6472	6581	6690	6798	6907	7016	7124	7233	6 66
97	7341	7450	7559	7667	7776	7885	7993	8102	8211	8319	7 76
98	8428	8537	8645	8754	8862	8971	9080	9188	9297	9405	8 87
99	9514	9623	9731	9840	9948	0057	0165	0274	0383	0491	9 99
4000	602	0500	0708	0817	0926	1034	1143	1251	1360	1468	1577

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4000	6020600	0708	0817	0928	1034	1143	1251	1360	1463	1577	
01	1686	1794	1903	2011	2120	2228	2337	2445	2554	2662	
02	2771	2879	2988	3096	3205	3313	3422	3530	3639	3747	
03	3856	3964	4073	4181	4290	4398	4507	4616	4724	4832	
04	4941	5049	5158	5266	5375	5483	5591	5700	5808	5917	
05	6025	6134	6242	6351	6459	6567	6676	6784	6893	7001	
06	7109	7218	7326	7433	7543	7651	7760	7868	7977	8085	
07	8193	8302	8410	8519	8627	8735	8844	8952	9060	9169	
08	9277	9385	9494	9602	9711	9819	9927	0035	0144	0252	
09	8030361	0469	0577	0686	0794	0902	1010	1119	1227	1335	108
10	1444	1552	1660	1769	1877	1985	2093	2202	2310	2418	11
4011	2527	2635	2743	2851	2960	3068	3176	3284	3393	3501	22
12	3609	3717	3826	3934	4042	4150	4259	4367	4476	4583	33
13	4692	4800	4908	5016	5124	5233	5341	5449	5557	5665	44
14	5774	5882	5990	6098	6206	6315	6423	6531	6639	6747	55
15	6855	6964	7072	7180	7288	7396	7504	7613	7721	7829	66
16	7937	8045	8153	8261	8370	8478	8586	8694	8802	8910	77
17	9018	9126	9235	9343	9451	9559	9667	9775	9883	9991	88
18	6040099	0207	0315	0424	0532	0640	0748	0856	0964	1072	99
19	1180	1288	1398	1504	1612	1720	1828	1936	2044	2152	
20	2261	2369	2477	2585	2693	2801	2909	3017	3125	3233	
4021	3341	3449	3557	3665	3773	3881	3989	4097	4205	4313	
22	4421	4529	4637	4745	4853	4961	5068	5176	5284	5392	
23	5500	5608	5716	5824	5932	6040	6148	6256	6364	6472	
24	6580	6688	6796	6903	7011	7119	7227	7335	7443	7551	
25	7659	7767	7875	7983	8090	8198	8306	8414	8522	8630	
26	8738	8846	8953	9061	9169	9277	9385	9493	9601	9706	
27	9816	9924	0032	0140	0248	0355	0463	0571	0679	0787	
28	6030895	1003	1110	1218	1326	1434	1641	1649	1757	1865	
29	1973	2080	2188	2296	2404	2512	2619	2727	2835	2943	
30	3050	3158	3266	3374	3482	3588	3697	3806	3912	4020	
4031	4128	4236	4343	4451	4559	4667	4774	4882	4990	5096	
32	5205	5313	5421	5528	5636	5744	5851	5959	6067	6176	
33	6282	6390	6498	6605	6713	6821	6928	7036	7144	7251	
34	7359	7467	7574	7682	7790	7897	8005	8112	8220	8328	
35	8435	8543	8651	8758	8868	8974	9081	9189	9296	9404	
36	9512	9619	9727	9834	9942	0050	0157	0265	0372	0480	
37	6060567	0695	0803	0910	1018	1125	1233	1340	1448	1658	
38	1663	1771	1878	1986	2093	2201	2308	2416	2523	2631	
39	2739	2846	2954	3061	3169	3276	3384	3491	3599	3706	
40	3814	3921	4029	4136	4244	4351	4459	4565	4674	4781	
4041	4889	4996	5103	5211	5318	5426	5533	5641	5748	6856	
42	5963	6071	6178	6285	6393	6500	6608	6715	6823	6930	
43	7037	7145	7252	7360	7467	7574	7682	7789	7897	8004	
44	8111	8219	8326	8434	8541	8648	8756	8863	8971	9078	
45	9185	9293	9400	9507	9615	9722	9829	9937	0044	0151	
46	6070259	0366	0473	0581	0688	0795	0903	1010	1117	1225	107
47	1332	1439	1547	1654	1761	1869	1976	2083	2190	2298	
48	2405	2512	2620	2727	2834	2941	3049	3156	3263	3371	
49	3478	3585	3692	3800	3907	4014	4121	4229	4336	4443	
4050	4550	4657	4765	4872	4979	5086	5194	5301	5408	5516	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
4050	607 4550	4657	4765	4872	4979	5086	5194	5301	5408	5515	
51	5622	5730	5837	5944	6051	6158	6266	6373	6480	6587	107
52	6694	6802	6909	7016	7123	7230	7337	7445	7552	7659	1 11
53	7766	7873	7980	8087	8195	8302	8409	8516	8623	8730	2 21
54	8837	8945	9052	9159	9266	9373	9480	9587	9694	9801	3 32
55	9909	0016	0123	0230	0337	0444	0551	0658	0765	0872	4 43
56	608 0979	1087	1194	1301	1408	1515	1622	1729	1836	1943	5 54
57	2050	2157	2264	2371	2478	2585	2692	2799	2906	3013	6 64
58	3120	3227	3334	3441	3548	3656	3763	3870	3977	4084	7 75
59	4191	4298	4404	4511	4618	4725	4832	4939	5046	5153	8 86
60	5260	5367	5474	5581	5688	5795	5902	6009	6116	6223	9 96
4061	6330	6437	6544	6651	6758	6865	6972	7078	7185	7292	
62	7399	7506	7613	7720	7827	7934	8041	8148	8254	8361	
63	8468	8575	8682	8789	8896	9003	9110	9216	9323	9430	
64	9537	9644	9751	9858	9964	0071	0178	0285	0392	0499	
65	609 0605	0712	0819	0926	1033	1140	1246	1353	1460	1567	
66	1674	1781	1887	1994	2101	2208	2315	2421	2528	2635	
67	2742	2849	2955	3062	3169	3276	3382	3489	3596	3703	
68	3809	3916	4023	4130	4236	4343	4450	4557	4663	4770	
69	4877	4984	5090	5197	5304	5411	5517	5624	5731	5837	
70	5944	6051	6157	6264	6371	6478	6584	6691	6798	6904	
4071	7011	7118	7224	7331	7438	7544	7651	7758	7864	7971	
72	8078	8184	8291	8398	8504	8611	8718	8824	8931	9037	
73	9144	9251	9357	9464	9571	9677	9784	9890	9997	0104	
74	610 0210	0317	0423	0530	0637	0743	0850	0956	1063	1170	
75	1276	1383	1489	1596	1702	1809	1916	2022	2129	2235	
76	2342	2448	2555	2661	2768	2874	2981	3088	3194	3301	
77	3407	3514	3620	3727	3833	3940	4046	4153	4259	4366	
78	4472	4579	4685	4792	4898	5005	5111	5218	5324	5431	
79	5537	5644	5750	5856	5963	6069	6176	6282	6389	6495	
80	6602	6708	6815	6921	7027	7134	7240	7347	7453	7560	
4081	7666	7772	7879	7985	8092	8198	8304	8411	8517	8624	
82	8730	8836	8943	9049	9156	9262	9368	9475	9581	9687	
83	9794	9900	0007	0113	0219	0326	0432	0538	0645	0751	
84	611 0857	0964	1070	1176	1283	1389	1495	1602	1708	1814	
85	1921	2027	2133	2240	2346	2452	2558	2665	2771	2877	
86	2984	3090	3196	3302	3409	3515	3621	3728	3834	3940	
87	4046	4153	4259	4365	4471	4578	4684	4790	4896	5003	
88	5109	5215	5321	5428	5534	5640	5746	5852	5959	6065	
89	6171	6277	6384	6490	6596	6702	6808	6915	7021	7127	
90	7233	7339	7445	7552	7658	7764	7870	7976	8082	8189	
4091	8295	8401	8507	8613	8719	8826	8932	9038	9144	9250	
92	9356	9462	9569	9675	9781	9887	9993	0099	0205	0311	106
93	612 0417	0524	0630	0736	0842	0948	1054	1160	1266	1372	1 11
94	1478	1584	1691	1797	1903	2009	2115	2221	2327	2433	2 21
95	2539	2645	2751	2857	2963	3069	3175	3281	3387	3493	3 32
96	3599	3706	3812	3918	4024	4130	4236	4342	4448	4554	4 43
97	4660	4766	4872	4978	5084	5190	5296	5402	5508	5614	5 53
98	5720	5826	5931	6037	6143	6249	6355	6461	6567	6673	6 64
99	6779	6885	6991	7097	7203	7309	7415	7521	7627	7733	7 74
4100	7839	7944	8050	8156	8262	8368	8474	8580	8686	8792	8 85
											9 95

No	0	1	2	3	4	5	6	7	8	9	Diff.
4100	5127839	7044	8030	8188	8262	8368	8474	8580	8686	8792	
01	8898	9004	9109	9218	9321	9427	9533	9639	9745	9851	
02	9957	0062	0168	0274	0380	0486	0592	0698	0803	0909	
03	5181015	1121	1227	1333	1439	1544	1650	1755	1862	1968	
04	2074	2179	2285	2391	2497	2603	2708	2814	2920	3025	
05	3132	3237	3343	3449	3553	3651	3765	3872	3978	4084	
06	4180	4295	4401	4507	4613	4718	4824	4930	5036	5141	
07	5247	5353	5459	5564	5670	5776	5881	5987	6093	6199	
08	5304	6410	6519	6621	6727	6833	6939	7044	7150	7256	
09	7361	7467	7573	7678	7784	7890	7995	8101	8207	8313	
10	8418	8524	8630	8735	8841	8947	9052	9158	9263	9369	
4111	9475	0580	0586	0792	0897	0903	0109	0214	0320	0425	
12	6140331	0637	0742	0848	0954	1059	1165	1270	1376	1482	
13	1587	1693	1798	1904	2009	2115	2221	2325	2432	2537	
14	2643	2748	2854	2959	3065	3171	3276	3382	3487	3593	
15	3698	3804	3909	4015	4121	4226	4332	4437	4543	4648	
16	4754	4859	4965	5071	5178	5281	5387	5492	5598	5703	
17	5809	5914	6020	6125	6231	6335	6442	6547	6652	6756	
18	5803	6969	7074	7189	7285	7391	7495	7602	7707	7812	
19	7918	8023	8129	8234	8340	8445	8550	8656	8761	8867	
20	6972	9078	9183	9288	9394	9499	9605	9710	9815	9921	
4121	8150028	0132	0237	0342	0448	0553	0658	0764	0869	0975	
22	1060	1165	1291	1399	1501	1607	1712	1817	1923	2028	
23	2133	2239	2344	2449	2555	2650	2765	2871	2976	3081	
24	3187	3292	3397	3502	3508	3713	3818	3924	4029	4134	
25	4240	4345	4450	4555	4661	4766	4871	4976	5082	5187	
26	6202	6307	6403	6508	6713	6818	6924	7029	7134	7239	
27	6345	6460	6555	6660	6796	6871	6976	7081	7186	7292	
28	7397	7502	7607	7712	7818	7923	8028	8133	8238	8344	
29	8440	8554	8659	8764	8870	8975	9080	9185	9290	9395	
30	0501	0605	0711	0816	0921	0926	0131	0237	0342	0447	
4161	8160552	0557	0752	0867	0972	1078	1183	1288	1393	1498	
32	1603	1708	1813	1918	2024	2129	2234	2339	2444	2549	
33	2654	2759	2854	2969	3074	3179	3284	3390	3495	3600	
34	3705	3810	3915	4020	4125	4230	4335	4440	4545	4650	
35	4755	4850	4965	5079	5179	5280	5385	5490	5595	5700	
36	5805	5910	6015	6120	6225	6330	6435	6540	6645	6750	
37	6855	6960	7065	7179	7275	7380	7485	7590	7695	7800	
38	7905	8010	8115	8220	8325	8430	8535	8639	8744	8849	
39	8954	9059	9164	9269	9374	9479	9584	9689	9794	9899	
40	6170003	0108	0213	0318	0423	0528	0633	0738	0843	0947	
4141	1052	1157	1262	1367	1472	1577	1682	1786	1891	1996	
42	2101	2205	2311	2415	2520	2625	2730	2835	2940	3045	
43	3149	3254	3359	3464	3569	3673	3778	3883	3988	4093	
44	4197	4302	4407	4512	4617	4721	4826	4931	5036	5141	
45	5245	5350	5455	5560	5664	5769	5874	5979	6083	6188	
46	6293	6398	6502	6607	6712	6817	6921	7026	7131	7236	
47	7340	7445	7550	7655	7760	7864	7969	8073	8178	8283	
48	8387	8492	8597	8702	8806	8911	9015	9120	9223	9330	
49	9434	9539	9644	9748	9853	9958	0062	0167	0272	0376	
4150	5180481	0585	0690	0795	0900	1004	1109	1218	1318	1423	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4150	6180481	0586	0690	0795	0900	1004	1109	1213	1318	1423	
51	1527	1632	1737	1841	1946	2050	2155	2260	2364	2469	
52	2573	2678	2783	2887	2992	3096	3201	3306	3410	3515	
53	3619	3724	3828	3933	4038	4142	4247	4351	4456	4560	
54	4665	4769	4874	4979	5083	5188	5292	5397	5501	5606	
55	5710	5815	5919	6024	6128	6233	6337	6442	6546	6651	
56	6755	6860	6964	7069	7173	7278	7382	7487	7591	7696	
57	7800	7905	8009	8114	8218	8323	8427	8531	8636	8740	
58	8845	8949	9054	9158	9263	9367	9471	9576	9680	9785	
59	9889	9994	0098	0202	0307	0411	0516	0620	0725	0829	
60	6190933	1038	1142	1246	1351	1455	1560	1664	1768	1873	
4161	1977	2082	2186	2290	2395	2499	2603	2708	2812	2916	
62	3021	3125	3229	3334	3438	3542	3647	3751	3855	3960	
63	4064	4168	4273	4377	4481	4586	4690	4794	4899	5003	
64	5107	5212	5316	5420	5524	5629	5733	5837	5942	6046	
65	6150	6254	6359	6463	6567	6671	6776	6880	6984	7088	
66	7193	7297	7401	7505	7610	7714	7818	7922	8027	8131	
67	8235	8339	8443	8548	8652	8756	8860	8964	9069	9173	
68	9277	9381	9485	9590	9694	9798	9902	0006	0111	0215	
69	6200319	0423	0527	0631	0736	0840	0944	1048	1152	1256	
70	1361	1465	1569	1673	1777	1881	1985	2090	2194	2298	
4171	2402	2506	2610	2714	2818	2922	3027	3131	3235	3339	
72	3413	3517	3621	3725	3829	3933	4038	4142	4246	4350	
73	4484	4588	4692	4796	4900	5004	5108	5212	5316	5420	
74	5524	5628	5733	5837	5941	6045	6149	6253	6357	6461	
75	6565	6669	6773	6877	6981	7085	7189	7293	7397	7501	
76	7605	7709	7813	7917	8021	8125	8229	8333	8437	8541	
77	8645	8749	8853	8957	9061	9165	9269	9373	9476	9580	
78	9684	9788	9892	9996	0100	0204	0308	0412	0516	0620	
79	6210724	0828	0932	1035	1139	1243	1347	1451	1555	1659	
80	1763	1867	1971	2075	2178	2282	2386	2490	2594	2698	
4181	2802	2906	3009	3113	3217	3321	3425	3529	3633	3736	
82	3840	3944	4048	4152	4256	4359	4463	4567	4671	4775	
83	4879	4982	5086	5190	5294	5398	5502	5606	5709	5813	
84	5917	6021	6124	6228	6332	6436	6540	6643	6747	6851	
85	6955	7058	7162	7266	7370	7473	7577	7681	7785	7888	
86	7992	8096	8200	8303	8407	8511	8615	8718	8822	8926	
87	9030	9133	9237	9341	9444	9548	9652	9756	9859	9963	
88	6220067	0170	0274	0378	0482	0585	0689	0793	0896	1000	
89	1104	1207	1311	1415	1518	1622	1726	1829	1933	2037	
90	2140	2244	2348	2451	2555	2658	2762	2866	2969	3073	
4191	3177	3280	3384	3487	3591	3695	3798	3902	4006	4109	
92	4213	4316	4420	4524	4627	4731	4834	4938	5041	5145	
93	5249	5352	5456	5559	5663	5766	5870	5974	6077	6181	
94	6284	6388	6491	6595	6698	6802	6906	7009	7113	7216	
95	7320	7423	7527	7630	7734	7837	7941	8044	8148	8251	
96	8355	8458	8562	8665	8769	8872	8976	9079	9183	9286	
97	9390	9493	9597	9700	9804	9907	0011	0114	0217	0321	
98	6230424	0528	0631	0735	0838	0942	1045	1148	1252	1355	
99	1459	1562	1666	1769	1872	1976	2079	2183	2286	2389	
4200	2493	2596	2700	2803	2906	3010	3113	3217	3320	3423	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4200	623	2493	2596	2700	2803	2906	3010	3113	3217	3320	3423
01		3527	3630	3734	3837	3940	4044	4147	4250	4354	4457
02		4560	4664	4767	4871	4974	5077	5181	5284	5387	5491
03		5594	5697	5801	5904	6007	6111	6214	6317	6420	6524
04		6627	6730	6834	6937	7040	7144	7247	7350	7453	7557
05		7660	7763	7867	7970	8073	8176	8280	8383	8486	8589
06		8693	8796	8899	9002	9106	9209	9312	9415	9519	9622
07		9725	9828	9932	0035	0138	0241	0344	0448	0551	0654
08	824	0757	0861	0964	1067	1170	1273	1377	1480	1583	1686
09		1789	1892	1996	2099	2202	2305	2408	2511	2615	2718
10		2821	2924	3027	3130	3234	3337	3440	3543	3646	3749
4211		6852	6956	7059	7162	7265	7368	7471	7574	7677	7781
12		4884	4987	5090	5193	5296	5399	5502	5605	5708	5812
13		5915	6018	6121	6224	6327	6430	6533	6636	6739	6842
14		6945	7048	7151	7254	7358	7461	7564	7667	7770	7873
15		7976	8079	8182	8285	8388	8491	8594	8697	8800	8903
16		9006	9109	9212	9315	9418	9521	9624	9727	9830	9933
17	625	0036	0139	0242	0345	0448	0551	0654	0757	0860	0963
18		1066	1168	1272	1376	1478	1581	1683	1786	1889	1992
19		2095	2198	2301	2404	2507	2610	2713	2816	2919	6022
20		3125	3227	3330	3433	3536	3638	3742	3845	3948	4051
4221		4154	4256	4359	4462	4565	4668	4771	4874	4977	5079
22		5182	5285	5388	5491	5594	5697	5799	5902	6005	6108
23		6211	6314	6416	6519	6622	6725	6828	6931	7036	7138
24		7239	7342	7445	7546	7650	7753	7856	7959	8062	8164
25		8267	8370	8473	8575	8676	8781	8884	8987	9089	9192
26		9295	9398	9500	9603	9706	9809	9911	0014	0117	0220
27	626	0322	0425	0528	0631	0733	0836	0939	1042	1144	1247
28		1350	1453	1555	1658	1761	1863	1966	2069	2171	2274
29		2377	2480	2582	2685	2786	2890	2993	3096	3198	3301
30		3404	3506	3609	3712	3814	3917	4020	4122	4225	4328
4231		4430	4533	4636	4738	4841	4943	5046	5149	5251	5354
32		5457	5559	5662	5764	5867	5970	6072	6175	6277	6380
33		6483	6585	6686	6788	6893	6996	7098	7201	7303	7406
34		7509	7611	7714	7816	7919	8021	8124	8226	8329	8432
35		8534	8637	8739	8842	8944	9047	9149	9252	9354	9457
36		9560	9662	9765	9867	9970	0072	0175	0277	0380	0482
37	627	0585	0687	0790	0892	0995	1097	1200	1302	1405	1507
38		1610	1712	1814	1917	2019	2122	2224	2327	2429	2532
39		2634	2737	2839	2942	3044	3146	3249	3351	3454	3558
40		3659	3761	3863	3966	4068	4171	4276	4378	4478	4580
4241		4683	4785	4888	4990	5092	5195	5297	5399	5502	5604
42		5707	5809	5911	6014	6116	6219	6321	6423	6526	6628
43		6730	6833	6935	7037	7140	7242	7344	7447	7549	7651
44		7754	7856	7958	8061	8163	8265	8368	8470	8572	8675
45		8777	8879	8982	9084	9186	9288	9391	9493	9595	9698
46		8800	8902	9004	9107	9209	9311	9414	9516	9618	9720
47	628	0823	0925	1027	1129	1232	1334	1436	1538	1641	1743
48		1845	1947	2050	2152	2254	2356	2458	2561	2663	2765
49		2867	2970	3072	3174	3276	3378	3481	3583	3685	3787
4250		3889	3991	4094	4196	4298	4400	4502	4605	4707	4809

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4250	6283889	3991	4094	4196	4298	4400	4502	4605	4707	4809	
51	4911	5013	5115	5218	5320	5422	5524	5626	5728	5830	
52	5933	6035	6137	6239	6341	6443	6545	6647	6750	6852	
53	6954	7056	7158	7260	7362	7464	7566	7669	7771	7873	
54	7975	8077	8179	8281	8383	8485	8587	8689	8792	8894	
55	8996	9098	9200	9302	9404	9506	9608	9710	9812	9914	
56	6290016	0118	0220	0322	0424	0526	0628	0730	0832	0934	
57	1037	1139	1241	1343	1445	1547	1649	1751	1853	1955	
58	2057	2159	2261	2363	2465	2567	2668	2770	2872	2974	
59	3076	3178	3280	3382	3484	3586	3688	3790	3892	3994	
60	4096	4198	4300	4402	4504	4606	4708	4810	4911	5013	
4261	5115	5217	5319	5421	5523	5625	5727	5829	5931	6033	
62	6134	6236	6338	6440	6542	6644	6746	6848	6950	7051	
63	7153	7255	7357	7459	7561	7663	7765	7866	7968	8070	
64	8172	8274	8376	8478	8579	8681	8783	8885	8987	9089	
65	9190	9292	9394	9496	9598	9699	9801	9903	0005	0107	102
66	6300209	0310	0412	0514	0616	0717	0819	0921	1023	1125	1 10
67	1226	1328	1430	1532	1634	1735	1837	1939	2041	2142	2 20
68	2244	2346	2448	2549	2651	2753	2855	2956	3058	3160	3 31
69	3262	3363	3465	3567	3668	3770	3872	3974	4075	4177	4 41
70	4279	4380	4482	4584	4686	4787	4889	4991	5092	5194	5 51
4271	5296	5397	5499	5601	5702	5804	5906	6007	6109	6211	6 61
72	6312	6414	6516	6617	6719	6821	6922	7024	7126	7227	7 71
73	7329	7431	7532	7634	7735	7837	7939	8040	8142	8244	8 82
74	8345	8447	8548	8650	8752	8853	8955	9056	9158	9260	9 92
75	9361	9463	9564	9666	9768	9869	9971	0072	0174	0275	
76	6310377	0479	0580	0682	0783	0885	0986	1088	1189	1291	
77	1393	1494	1596	1697	1799	1900	2002	2103	2205	2306	
78	2408	2509	2611	2712	2814	2915	3017	3118	3220	3321	
79	3423	3524	3626	3727	3829	3930	4032	4133	4235	4336	
80	4438	4539	4641	4742	4844	4945	5046	5148	5249	5351	
4281	5452	5554	5655	5757	5858	5959	6061	6162	6264	6365	
82	6467	6568	6669	6771	6872	6974	7075	7177	7278	7379	
83	7481	7582	7684	7785	7886	7988	8089	8190	8292	8393	
84	8495	8596	8697	8799	8900	9001	9103	9204	9306	9407	
85	9508	9610	9711	9812	9914	0015	0116	0218	0319	0420	
86	6320522	0623	0724	0826	0927	1028	1130	1231	1332	1434	
87	1535	1636	1737	1839	1940	2041	2143	2244	2345	2446	
88	2548	2649	2750	2852	2953	3054	3155	3257	3358	3459	
89	3560	3662	3763	3864	3965	4067	4168	4269	4370	4472	
90	4573	4674	4775	4877	4978	5079	5180	5282	5383	5484	
4291	5585	5686	5788	5889	5990	6091	6192	6294	6395	6496	
92	6597	6698	6800	6901	7002	7103	7204	7305	7407	7508	
93	7609	7710	7811	7912	8014	8115	8216	8317	8418	8519	
94	8620	8722	8823	8924	9025	9126	9227	9328	9429	9531	
95	9632	9733	9834	9935	0036	0137	0238	0339	0441	0542	
96	6330643	0744	0845	0946	1047	1148	1249	1350	1451	1552	
97	1654	1755	1856	1957	2058	2159	2260	2361	2462	2563	
98	2664	2765	2866	2967	3068	3169	3270	3371	3472	3573	
99	3674	3775	3876	3978	4079	4180	4281	4382	4483	4584	
4300	4685	4786	4887	4988	5089	5190	5291	5391	5492	5593	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
4300	653	4685	4786	4887	4988	5089	5190	5291	5391	5492	5593
01	5694	5795	5896	5997	6098	6199	6300	6401	6502	6603	
02	6704	6805	6906	7007	7108	7209	7310	7411	7512	7613	
03	7713	7814	7915	8016	8117	8218	8319	8420	8521	8622	
04	8723	8824	8924	9025	9126	9227	9328	9429	9530	9631	
05	9732	9832	9933	0034	0135	0236	0337	0438	0539	0639	
08	334	0740	0841	0942	1043	1144	1245	1345	1446	1547	1648
07	1749	1850	1950	2051	2152	2253	2354	2455	2555	2656	
08	2757	2856	2959	3059	3160	3261	3362	3463	3563	3664	
09	3765	3866	3967	4067	4168	4269	4370	4470	4571	4672	
10	4773	4873	4974	5075	5176	5276	5377	5478	5579	5679	
4311	5780	5881	5982	6082	6183	6284	6385	6485	6586	6687	
12	6788	6888	6989	7090	7190	7291	7392	7492	7593	7694	
18	7795	7895	7996	8097	8197	8296	8399	8499	8600	8701	
14	8801	8902	9003	9193	9204	9305	9405	9506	9607	9707	
15	9808	9909	0009	0110	0211	0311	0412	0512	0613	0714	
16	335	0614	0915	1016	1116	1217	1317	1418	1519	1619	1720
17	1620	1921	2022	2122	2223	2323	2424	2525	2625	2726	
18	2626	2927	3028	3128	3229	3329	3430	3530	3631	3731	
19	3832	3933	4033	4134	4234	4335	4435	4536	4636	4737	
20	4637	4938	5039	5139	5240	5340	5441	5541	5642	5749	
4391	5843	5943	6044	6144	6245	6345	6446	6546	6647	6747	
22	6848	6948	7049	7149	7250	7350	7450	7551	7651	7752	
28	7852	7953	8053	8154	8254	8355	8455	8556	8656	8758	
24	8857	8957	9058	9158	9259	9359	9459	9560	9660	9761	
25	9861	9962	0062	0162	0263	0363	0464	0564	0664	0765	
26	333	0865	0966	1066	1166	1267	1367	1467	1566	1668	1769
97	1689	1969	2070	2170	2270	2371	2471	2571	2672	2772	
28	2873	2973	3073	3174	3274	3374	3475	3575	3675	3778	
29	3876	3976	4076	4177	4277	4377	4478	4578	4676	4779	
30	4879	4979	5080	5180	5280	5380	5481	5581	5681	5789	
4331	5882	5982	6082	6183	6283	6383	6483	6584	6684	6784	
32	6884	6985	7085	7185	7285	7386	7486	7588	7686	7787	
33	7887	7987	8087	8188	8288	8386	8488	8588	8689	8769	
34	8689	8989	9069	9190	9290	9390	9490	9590	9691	9791	
35	9691	9991	0091	0192	0292	0392	0492	0592	0692	0793	
36	337	0693	0993	1093	1193	1293	1394	1494	1594	1694	1794
37	1694	1994	2094	2195	2295	2395	2495	2595	2695	2795	
38	2895	2996	3096	3196	3296	3396	3496	3596	3698	3796	
39	3697	3997	4097	4197	4297	4397	4497	4597	4697	4797	
40	4897	4997	5097	5197	5298	5398	5498	5598	5698	5798	
4341	5898	5998	6098	6196	6296	6398	6498	6598	6698	6798	
42	6898	6998	7096	7196	7298	7398	7498	7596	7698	7798	
43	7898	7998	8096	8196	8298	8398	8496	8598	8698	8798	
44	8898	8998	9096	9196	9298	9398	9498	9598	9698	9798	
45	9896	9996	0098	0198	0298	0398	0497	0597	0697	0797	
46	338	0897	0997	1097	1197	1297	1397	1497	1597	1697	1796
47	1896	1996	2098	2198	2298	2396	2496	2596	2696	2795	
48	2895	2995	3095	3195	3295	3393	3495	3594	3694	3794	
49	3894	3994	4094	4194	4294	4393	4493	4593	4693	4793	
4350	4893	4992	5092	5192	5292	5399	5492	5591	5691	5791	

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No.	0	1	2	3	4	5	6	7	8	9	
4350	638 4893	4992	5092	5192	5292	5392	5492	5591	5691	5791	
51	5891	5991	6090	6190	6290	6390	6490	6589	6689	6789	
52	6889	6989	7088	7188	7288	7388	7488	7587	7687	7787	
53	7887	7986	8086	8186	8286	8385	8485	8585	8685	8784	
54	8884	8984	9084	9183	9283	9383	9483	9582	9682	9782	
55	9882	9981	0081	0181	0280	0380	0480	0580	0679	0779	
56	639 0879	0978	1078	1178	1277	1377	1477	1577	1676	1776	
57	1876	1975	2075	2175	2274	2374	2474	2573	2673	2773	
58	2872	2972	3072	3171	3271	3371	3470	3570	3669	3769	
59	3869	3968	4068	4168	4267	4367	4466	4566	4666	4765	
60	4865	4965	5064	5164	5263	5363	5463	5562	5662	5761	
4361	5861	5960	6060	6160	6259	6359	6458	6558	6657	6757	
62	6857	6956	7056	7155	7255	7354	7454	7553	7653	7753	
63	7852	7952	8051	8151	8250	8350	8449	8549	8648	8748	
64	8847	8947	9046	9146	9245	9345	9444	9544	9643	9743	
65	9842	9942	0041	0141	0240	0340	0439	0539	0638	0738	
66	640 0837	0937	1036	1136	1235	1335	1434	1534	1633	1732	
67	1832	1931	2031	2130	2230	2329	2429	2528	2627	2727	
68	2826	2926	3025	3125	3224	3323	3423	3522	3622	3721	
69	3820	3920	4019	4119	4218	4317	4417	4516	4616	4715	
70	4814	4914	5013	5113	5212	5311	5411	5510	5609	5709	
4371	5808	5907	6007	6106	6205	6305	6404	6504	6603	6702	99
72	6802	6901	7000	7100	7199	7298	7398	7497	7596	7695	2 20
73	7795	7894	7993	8093	8192	8291	8391	8490	8589	8688	3 30
74	8788	8887	8986	9086	9185	9284	9383	9483	9582	9681	4 40
75	9781	9880	9979	0078	0178	0277	0376	0476	0575	0674	5 50
76	641 0773	0873	0972	1071	1170	1269	1369	1468	1567	1666	6 59
77	1765	1865	1964	2063	2162	2262	2361	2460	2559	2658	7 69
78	2758	2857	2956	3055	3154	3254	3353	3452	3551	3650	8 79
79	3749	3849	3948	4047	4146	4245	4344	4444	4543	4642	9 89
80	4741	4840	4939	5039	5138	5237	5336	5435	5534	5633	
4381	5733	5832	5931	6030	6129	6228	6327	6426	6526	6625	
82	6724	6823	6922	7021	7120	7219	7318	7417	7517	7616	
83	7715	7814	7913	8012	8111	8210	8309	8408	8507	8606	
84	8705	8805	8904	9003	9102	9201	9300	9399	9498	9597	
85	9696	9795	9894	9993	0092	0191	0290	0389	0488	0587	
86	642 0686	0785	0884	0983	1082	1181	1280	1379	1478	1577	
87	1676	1775	1874	1973	2072	2171	2270	2369	2468	2567	
88	2666	2765	2864	2963	3062	3161	3260	3359	3458	3557	
89	3656	3755	3854	3953	4052	4151	4249	4348	4447	4546	
90	4645	4744	4843	4942	5041	5140	5239	5338	5437	5535	
4391	5634	5733	5832	5931	6030	6129	6228	6327	6426	6524	
92	6623	6722	6821	6920	7019	7118	7217	7316	7414	7513	
93	7612	7711	7810	7909	8007	8106	8205	8304	8403	8502	
94	8601	8699	8798	8897	8996	9095	9194	9292	9391	9490	
95	9589	9688	9786	9885	9984	0083	0182	0280	0379	0478	
96	643 0577	0676	0774	0873	0972	1071	1170	1268	1367	1466	
97	1565	1663	1762	1861	1960	2058	2157	2256	2355	2454	
98	2552	2651	2750	2848	2947	3046	3145	3243	3342	3441	
99	3540	3638	3737	3836	3935	4033	4132	4231	4329	4428	
4400	4527	4625	4724	4823	4922	5020	5119	5218	5316	5416	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
4400	043	4527	4625	4724	4823	4922	5020	5110	5218	5310	5415
01		5514	5612	5711	5810	5905	6007	6105	6204	6303	6402
02		6500	6599	6698	6795	6895	6994	7092	7191	7290	7388
03		7487	7585	7684	7783	7881	7980	8079	8177	8270	8374
04		8473	8572	8670	8769	8868	8966	9065	9163	9262	9361
05		9459	9558	9659	9755	9853	9952	0051	0149	0248	0346
06	044	0445	0543	0642	0741	0836	0938	1038	1135	1233	1332
07		1431	1529	1628	1726	1825	1923	2022	2120	2216	2317
08		2410	2514	2613	2711	2810	2908	3007	3105	3204	3302
09		3401	3499	3598	3696	3795	3893	3992	4090	4189	4287
10		4380	4481	4583	4681	4780	4878	4977	5075	5174	5273
4411		5371	5469	5567	5666	5764	5863	5961	6060	6158	6257
12		6355	6453	6552	6650	6749	6847	6946	7044	7142	7241
13		7536	7638	7736	7835	7933	8031	8130	8228	8327	8425
14		8523	8622	8720	8818	8917	9015	9114	9212	9310	9408
15		9507	9605	9704	9802	9901	0000	0098	0196	0294	0392
16	645	6291	6389	6487	6586	6684	6782	6881	6979	7077	7175
17		7274	7372	7471	7569	7667	7766	7864	7962	8060	8158
18		8257	8355	8454	8552	8650	8748	8846	8944	9042	9140
19		9239	9337	9435	9533	9631	9729	9827	9925	0023	0121
20		4223	4321	4419	4517	4615	4713	4811	4909	5007	5105
4421		5205	5303	5401	5500	5598	5696	5795	5893	5991	6089
22		6187	6285	6384	6482	6580	6678	6776	6875	6973	7071
23		7168	7266	7364	7463	7561	7659	7757	7855	7953	8051
24		8151	8249	8348	8446	8544	8642	8740	8838	8936	9034
25		9133	9231	9329	9427	9525	9623	9721	9819	9917	0015
26	046	0114	0212	0310	0408	0507	0605	0703	0801	0900	0997
27		1095	1193	1291	1390	1488	1586	1684	1782	1880	1978
28		2070	2174	2272	2370	2468	2566	2665	2763	2861	2959
29		3057	3155	3253	3351	3449	3547	3645	3743	3841	3939
30		4037	4135	4233	4331	4429	4527	4625	4723	4821	4919
4431		5015	5113	5214	5312	5410	5508	5606	5704	5802	5900
32		6005	6103	6201	6299	6397	6495	6593	6691	6789	6887
33		6977	7075	7173	7271	7369	7467	7565	7663	7761	7859
34		7957	8055	8153	8251	8349	8447	8545	8643	8741	8839
35		8938	9036	9134	9232	9330	9428	9526	9624	9722	9820
36		9918	0016	0114	0212	0310	0408	0506	0604	0702	0800
37	047	0594	0692	0790	0888	0986	1084	1182	1280	1378	1476
38		1573	1671	1769	1867	1965	2063	2161	2259	2357	2455
39		2551	2649	2747	2845	2943	3041	3139	3237	3335	3433
40		3531	3629	3727	3825	3923	4021	4119	4217	4315	4413
4441		4509	4607	4705	4803	4901	5000	5098	5196	5294	5392
42		5489	5587	5685	5783	5881	5979	6077	6175	6273	6371
43		6469	6567	6665	6763	6861	6959	7057	7155	7253	7351
44		7449	7547	7645	7743	7841	7939	8037	8135	8233	8331
45		8429	8527	8625	8723	8821	8919	9017	9115	9213	9311
46		9409	9507	9605	9703	9801	9900	0000	0098	0196	0294
47	048	0671	0769	0867	0965	1063	1161	1259	1357	1455	1553
48		1651	1749	1847	1945	2043	2141	2239	2337	2435	2533
49		2631	2729	2827	2925	3023	3121	3219	3317	3415	3513
4450		3611	3709	3807	3905	4003	4101	4200	4298	4396	4494

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4450	6483600	3698	3795	3893	3990	4088	4186	4283	4381	4478	
51	4576	4674	4771	4869	4966	5064	5161	5259	5356	5454	
52	5552	5649	5747	5844	5942	6039	6137	6234	6332	6429	
53	6527	6624	6722	6820	6917	7015	7112	7210	7307	7406	
54	7502	7600	7697	7795	7892	7990	8087	8185	8282	8380	
55	8477	8575	8672	8770	8867	8964	9062	9159	9257	9354	
56	9452	9549	9647	9744	9842	9939	0037	0134	0231	0329	
57	6490426	0524	0621	0719	0816	0914	1011	1108	1206	1303	
58	1401	1498	1595	1693	1790	1888	1985	2083	2180	2277	
59	2375	2472	2570	2667	2764	2862	2959	3056	3154	3251	
60	3349	3446	3543	3641	3738	3835	3933	4030	4128	4225	
4461	4322	4420	4517	4614	4712	4809	4906	5004	5101	5198	97
62	5296	5393	5490	5588	5685	5782	5880	5977	6074	6172	1 10
63	6269	6366	6463	6561	6658	6755	6853	6950	7047	7145	2 19
64	7242	7339	7436	7534	7631	7728	7826	7923	8020	8117	3 29
65	8215	8312	8409	8506	8604	8701	8798	8895	8993	9090	4 39
66	9187	9284	9382	9479	9576	9673	9771	9868	9965	0062	5 49
67	6500160	0257	0354	0451	0548	0646	0743	0840	0937	1034	6 59
68	1132	1229	1326	1423	1520	1618	1715	1812	1909	2006	7 69
69	2104	2201	2298	2395	2492	2589	2687	2784	2881	2978	8 78
70	3075	3172	3270	3367	3464	3561	3658	3755	3852	3950	9 87
4471	4047	4144	4241	4338	4435	4532	4629	4727	4824	4921	
72	5018	5115	5212	5309	5406	5503	5601	5698	5795	5892	
73	5989	6086	6183	6280	6377	6474	6571	6669	6766	6863	
74	6960	7057	7154	7251	7348	7445	7542	7639	7736	7833	
75	7930	8027	8124	8222	8319	8416	8513	8610	8707	8804	
76	8901	8998	9095	9192	9289	9386	9483	9580	9677	9774	
77	9871	9968	0065	0162	0259	0356	0453	0550	0647	0744	
78	6510841	0938	1035	1132	1229	1326	1423	1520	1617	1714	
79	1811	1908	2005	2102	2198	2295	2392	2489	2586	2683	
80	2780	2877	2974	3071	3168	3265	3362	3459	3556	3653	
4481	3749	3846	3943	4040	4137	4234	4331	4428	4525	4622	
82	4719	4815	4912	5009	5106	5203	5300	5397	5494	5591	
83	5687	5784	5881	5978	6075	6172	6269	6365	6462	6559	
84	6656	6753	6850	6947	7043	7140	7237	7334	7431	7528	
85	7624	7721	7818	7915	8012	8109	8205	8302	8399	8496	
86	8593	8690	8786	8883	8980	9077	9174	9270	9367	9464	
87	9561	9657	9754	9851	9948	0045	0141	0238	0335	0432	
88	6520528	0625	0722	0819	0916	1012	1109	1206	1303	1399	
89	1496	1593	1690	1786	1883	1980	2076	2173	2270	2367	
90	2463	2560	2657	2754	2850	2947	3044	3140	3237	3334	
4491	3431	3527	3624	3721	3817	3914	4011	4107	4204	4301	
92	4397	4494	4591	4688	4784	4881	4978	5074	5171	5268	
93	5364	5461	5558	5654	5751	5847	5944	6041	6137	6234	
94	6331	6427	6524	6621	6717	6814	6910	7007	7104	7200	
95	7297	7394	7490	7587	7683	7780	7877	7973	8070	8166	
96	8263	8360	8456	8553	8649	8746	8843	8939	9036	9132	
97	9229	9325	9422	9519	9615	9712	9808	9905	0001	0098	
98	6530195	0291	0388	0484	0581	0677	0774	0870	0967	1063	
99	1160	1256	1353	1450	1546	1643	1739	1836	1932	2029	
4500	2125	2222	2318	2415	2511	2608	2704	2801	2897	2994	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
4500	553	2125	2222	2318	2415	2511	2608	2704	2801	2897	2994
01		3090	3187	3283	3380	3475	3573	3669	3765	3862	3958
02		4055	4151	4248	4344	4441	4537	4634	4730	4827	4923
03		5019	5116	5212	5309	5405	5502	5598	5695	5791	5887
04		5984	6080	6177	6273	6369	6466	6562	6659	6755	6852
05		6948	7044	7141	7237	7334	7430	7526	7623	7719	7815
06		7912	8008	8105	8201	8297	8394	8490	8588	8683	8779
07		8876	8972	9068	9165	9261	9357	9454	9550	9646	9743
08		9839	9935	0032	0128	0224	0321	0417	0513	0610	0706
09	854	0802	0899	0995	1091	1188	1284	1380	1477	1573	1669
10		1765	1862	1958	2054	2151	2247	2343	2439	2536	2632
4511		2728	2825	2921	3017	3113	3210	3306	3402	3498	3595
12		3691	3787	3883	3980	4075	4172	4268	4365	4461	4557
13		4653	4750	4846	4942	5038	5134	5231	5327	5423	5519
14		5615	5712	5808	5904	5990	6097	6193	6289	6385	6481
15		6578	6674	6770	6868	6962	7058	7155	7251	7347	7443
16		7533	7635	7732	7828	7924	8020	8116	8212	8309	8405
17		8501	8597	8693	8789	8885	8982	9078	9174	9270	9366
18		9462	9558	9653	9751	9847	9943	0039	0135	0231	0327
19	853	0423	0520	0616	0712	0808	0904	1000	1095	1192	1288
20		1384	1480	1577	1675	1769	1865	1961	2057	2153	2249
4521		2345	2441	2537	2633	2729	2825	2921	3017	3113	3210
22		3306	3402	3498	3594	3690	3786	3882	3978	4074	4170
23		4266	4362	4458	4554	4650	4746	4842	4938	5034	5130
24		5226	5322	5418	5514	5610	5706	5802	5898	5994	6090
25		6185	6282	6378	6474	6570	6666	6762	6858	6954	7050
26		7145	7241	7337	7433	7529	7625	7721	7817	7913	8009
27		8105	8201	8297	8393	8488	8585	8681	8776	8872	8968
28		9064	9160	9256	9352	9448	9544	9640	9736	9831	9927
29	856	0023	0119	0215	0311	0407	0503	0599	0694	0790	0886
30		0982	1078	1174	1270	1365	1461	1557	1653	1749	1845
4531		1941	2036	2132	2228	2324	2420	2516	2612	2707	2803
32		2899	2995	3091	3186	3282	3378	3474	3570	3666	3761
33		3857	3953	4049	4145	4240	4336	4432	4528	4624	4719
34		4815	4911	5007	5103	5198	5294	5390	5485	5581	5677
35		5773	5869	5964	6060	6156	6252	6347	6443	6539	6635
36		6730	6828	6922	7018	7113	7209	7305	7401	7496	7592
37		7688	7784	7879	7975	8071	8166	8262	8358	8454	8549
38		8645	8741	8836	8932	9028	9123	9219	9315	9410	9506
39		9602	9698	9793	9889	9985	0080	0176	0272	0367	0463
40	657	0559	0654	0750	0845	0941	1037	1132	1228	1324	1419
4541		1515	1611	1705	1802	1898	1993	2089	2184	2280	2376
42		2471	2567	2663	2758	2854	2949	3045	3141	3236	3332
43		3427	3523	3619	3714	3810	3905	4001	4096	4192	4288
44		4383	4479	4574	4670	4766	4861	4957	5052	5148	5243
45		5339	5434	5530	5625	5721	5817	5912	6008	6103	6199
46		6294	6390	6485	6581	6676	6772	6867	6963	7059	7154
47		7250	7345	7441	7536	7632	7727	7823	7918	8014	8109
48		8205	8300	8395	8491	8587	8682	8777	8873	8968	9064
49		9159	9255	9350	9446	9541	9637	9732	9828	9923	0019
4550	658	0114	0209	0305	0400	0496	0591	0687	0782	0877	0973

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4550	658 0114	0209	0305	0400	0496	0591	0687	0782	0877	0973	
51	1068	1164	1259	1355	1450	1545	1641	1736	1832	1927	
52	2023	2118	2213	2309	2404	2500	2595	2690	2786	2881	
53	2977	3072	3167	3263	3358	3453	3549	3644	3740	3835	
54	3930	4026	4121	4216	4312	4407	4502	4598	4693	4788	
55	4884	4979	5074	5170	5265	5361	5456	5551	5647	5742	
56	5837	5932	6028	6123	6218	6314	6409	6504	6600	6695	
57	6790	6886	6981	7076	7171	7267	7362	7457	7553	7648	
58	7743	7838	7934	8029	8124	8220	8315	8410	8505	8601	
59	8696	8791	8886	8982	9077	9172	9267	9363	9458	9553	
60	9648	9744	9839	9934	0029	0125	0220	0315	0410	0506	
4561	659 0601	0696	0791	0886	0982	1077	1172	1267	1362	1458	
62	1553	1648	1743	1838	1934	2029	2124	2219	2314	2410	
63	2505	2600	2695	2790	2885	2981	3076	3171	3266	3361	
64	3456	3552	3647	3742	3837	3932	4027	4122	4218	4313	
65	4408	4503	4598	4693	4788	4883	4979	5074	5169	5264	
66	5359	5454	5549	5644	5740	5835	5930	6025	6120	6215	
67	6310	6405	6500	6595	6690	6786	6881	6976	7071	7166	
68	7261	7356	7451	7546	7641	7736	7831	7926	8021	8117	
69	8212	8307	8402	8497	8592	8687	8782	8877	8972	9067	
70	9162	9257	9352	9447	9542	9637	9732	9827	9922	0017	
4571	660 0112	0207	0302	0397	0492	0587	0682	0777	0872	0967	
72	1062	1157	1252	1347	1442	1537	1632	1727	1822	1917	
73	2012	2107	2202	2297	2392	2487	2582	2677	2772	2867	
74	2962	3057	3151	3246	3341	3436	3531	3626	3721	3816	
75	3911	4006	4101	4196	4291	4386	4481	4575	4670	4765	
76	4860	4955	5050	5145	5240	5335	5430	5524	5619	5714	
77	5809	5904	5999	6094	6189	6284	6378	6473	6568	6663	
78	6758	6853	6948	7042	7137	7232	7327	7422	7517	7612	
79	7706	7801	7896	7991	8086	8181	8275	8370	8465	8560	
80	8655	8750	8844	8939	9034	9129	9224	9318	9413	9508	
4581	9603	9698	9793	9887	9982	0077	0172	0266	0361	0456	
82	0551	0646	0740	0835	0930	1025	1120	1214	1309	1404	
83	1499	1593	1688	1783	1878	1973	2067	2162	2257	2351	
84	2446	2541	2636	2730	2825	2920	3015	3109	3204	3299	
85	3393	3488	3583	3678	3773	3867	3962	4056	4151	4246	
86	4341	4435	4530	4625	4719	4814	4909	5003	5098	5193	
87	5287	5382	5477	5571	5666	5761	5855	5950	6045	6139	
88	6234	6329	6423	6518	6613	6707	6802	6897	6991	7086	
89	7181	7275	7370	7464	7559	7654	7748	7843	7938	8032	
90	8127	8221	8316	8411	8505	8600	8695	8789	8884	8978	
4591	9073	9168	9262	9357	9451	9546	9640	9735	9830	9924	
92	662 0019	0113	0208	0303	0397	0492	0586	0681	0775	0870	
93	0964	1059	1154	1248	1343	1437	1532	1626	1721	1815	
94	1910	2004	2099	2194	2288	2383	2477	2572	2666	2761	
95	2855	2950	3044	3139	3233	3328	3422	3517	3611	3706	
96	3800	3895	3989	4084	4178	4273	4367	4462	4556	4651	
97	4745	4840	4934	5028	5123	5217	5312	5406	5501	5595	
98	5680	5784	5879	5973	6067	6162	6256	6351	6445	6540	
99	6634	6729	6823	6917	7012	7106	7201	7295	7389	7484	
4600	7578	7673	7767	7862	7956	8050	8145	8239	8334	8428	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4500	862	7578	7673	7767	7852	7956	8050	8145	8239	8334	8428
01	8522	8617	8711	8805	8906	8994	9089	9183	9277	9372	
02	9466	9561	9655	9749	9844	9938	0032	0127	0221	0315	
03	683	0410	0504	0598	0693	0787	6881	0978	1070	1164	1259
04	1353	1447	1542	1638	1736	1825	1919	2013	2108	2202	
05	2296	2391	2485	2578	2674	2768	2862	2958	3051	3145	
06	3239	3334	3428	3522	3616	3711	3805	3899	3994	4088	
07	4182	4276	4371	4465	4558	4653	4748	4842	4936	5030	
08	5125	5219	5313	5407	5502	5596	5690	5784	5879	5973	
09	6067	6151	6256	6350	6444	6538	6632	6727	6821	6915	
10	7009	7103	7198	7292	7386	7480	7574	7669	7763	7857	
4611	7951	8045	8140	8234	8328	8422	8516	8610	8705	8799	
12	8893	8987	9081	9175	9270	9364	9458	9552	9648	9740	
13	9835	9929	0023	0117	0211	0305	0399	0494	0588	0682	
14	884	0776	0870	0964	1058	1152	1247	1341	1435	1529	1623
15	1717	1811	1905	1999	2093	2188	2282	2378	2470	2564	
16	2658	2752	2848	2940	3034	3128	3223	3317	3411	3505	
17	3599	3693	3787	3881	3975	4069	4163	4257	4351	4445	
18	4539	4633	4727	4821	4915	5009	5104	5198	5292	5386	
19	5480	5574	5668	5762	5856	5950	6044	6138	6232	6326	
20	6420	6514	6608	6702	6796	6890	6984	7078	7172	7266	
4621	7360	7454	7548	7642	7736	7830	7924	8018	8111	8205	
22	8299	8393	8487	8581	8675	8769	8863	8957	9051	9145	
23	9239	9333	9427	9521	9615	9709	9803	9898	9990	0084	
24	868	0178	0272	0366	0460	0554	0648	0742	0836	0930	1023
25	1117	1211	1305	1399	1493	1587	1681	1775	1869	1962	
26	2058	2152	2246	2340	2434	2528	2622	2716	2809	2901	
27	2995	3089	3183	3277	3370	3464	3558	3652	3746	3840	
28	3934	4027	4121	4215	4308	4403	4497	4590	4684	4778	
29	4872	4966	5059	5153	5247	5341	5435	5529	5622	5716	
30	5810	5904	5998	6091	6185	6279	6373	6468	6560	6654	
4831	6746	6842	6935	7029	7123	7217	7310	7404	7498	7592	
32	7688	7779	7873	7967	8061	8154	8248	8343	8436	8529	
33	8623	8717	8810	8904	8998	9092	9185	9279	9373	9467	
34	9560	9654	9748	9841	9935	0029	0123	0216	0310	0404	
35	866	0497	0591	0685	0778	0872	0966	1060	1153	1247	1341
36	1434	1528	1622	1715	1809	1903	1996	2090	2184	2277	
37	2371	2465	2558	2652	2746	2839	2933	3027	3120	3214	
38	3307	3401	3495	3588	3682	3776	3869	3963	4056	4150	
39	4244	4337	4431	4525	4618	4712	4805	4899	4993	5088	
40	5180	5273	5367	5461	5554	5648	5741	5835	5929	6022	
4841	6118	6208	6303	6398	6496	6584	6677	6771	6864	6958	
42	7051	7145	7238	7333	7426	7519	7613	7706	7800	7893	
43	7987	8080	8174	8267	8361	8454	8548	8642	8735	8829	
44	8922	9016	9109	9203	9296	9390	9483	9577	9670	9764	
45	9857	9951	0044	0138	0231	0325	0418	0512	0605	0699	
46	867	0792	0886	0978	1073	1166	1259	1353	1448	1540	1633
47	1727	1820	1914	2007	2101	2194	2287	2381	2474	2568	
48	2561	2655	2748	2841	2935	3028	3122	3215	3309	3402	
49	3595	3689	3782	3876	3968	4063	4156	4249	4343	4436	
4650	4536	4629	4721	4816	4908	4998	5090	5183	5277	5370	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4650	667 4530	4623	4716	4810	4903	4996	5090	5183	5277	5370	
51	5463	5557	5650	5744	5837	5930	6024	6117	6210	6304	
52	6397	6490	6584	6677	6770	6864	6957	7051	7144	7237	
53	7331	7424	7517	7611	7704	7797	7891	7984	8077	8170	
54	8264	8357	8450	8544	8637	8730	8824	8917	9010	9104	
55	9197	9290	9383	9477	9570	9663	9757	9850	9943	0036	
56	668 0130	0223	0316	0410	0503	0596	0689	0783	0876	0969	
57	1062	1156	1249	1342	1435	1529	1622	1715	1808	1902	
58	1995	2088	2181	2275	2368	2461	2554	2647	2741	2834	
59	2927	3020	3114	3207	3300	3393	3486	3580	3673	3766	
60	3859	3952	4046	4139	4232	4325	4418	4511	4605	4698	
4661	4791	4884	4977	5071	5164	5257	5350	5443	5536	5630	
62	5723	5816	5909	6002	6095	6188	6282	6375	6468	6561	
63	6654	6747	6840	6934	7027	7120	7213	7306	7399	7492	
64	7585	7679	7772	7865	7958	8051	8144	8237	8330	8423	
65	8516	8610	8703	8796	8889	8982	9075	9168	9261	9354	
66	9447	9540	9633	9727	9820	9913	0006	0099	0192	0285	
67	669 0378	0471	0564	0657	0750	0843	0936	1029	1122	1215	
68	1308	1402	1495	1588	1681	1774	1867	1960	2053	2146	
69	2239	2332	2425	2518	2611	2704	2797	2890	2983	3076	
70	3169	3262	3355	3448	3541	3634	3727	3820	3913	4006	
4671	4099	4192	4285	4378	4471	4564	4656	4749	4842	4935	93
72	5028	5121	5214	5307	5400	5493	5586	5679	5772	5865	1 9
73	5958	6051	6144	6237	6330	6422	6515	6608	6701	6794	2 19
74	6887	6980	7073	7166	7259	7352	7445	7537	7630	7723	3 28
75	7816	7909	8002	8095	8188	8281	8373	8466	8559	8652	4 37
76	8745	8838	8931	9024	9117	9209	9302	9395	9488	9581	5 47
77	9674	9767	9859	9952	0045	0138	0231	0324	0416	0509	6 56
78	670 0602	0695	0788	0881	0974	1066	1159	1252	1345	1438	7 65
79	1530	1623	1716	1809	1902	1995	2087	2180	2273	2366	8 74
80	2459	2551	2644	2737	2830	2922	3015	3108	3201	3294	9 84
4681	3386	3479	3572	3665	3758	3850	3943	4036	4129	4221	
82	4314	4407	4500	4592	4685	4778	4871	4963	5056	5149	
83	5242	5334	5427	5520	5613	5705	5798	5891	5983	6076	
84	6169	6262	6354	6447	6540	6632	6725	6818	6911	7003	
85	7096	7189	7281	7374	7467	7559	7652	7745	7837	7930	
86	8023	8116	8208	8301	8394	8486	8579	8672	8764	8857	
87	8950	9042	9135	9228	9320	9413	9505	9598	9691	9783	
88	9876	9969	0061	0154	0247	0339	0432	0524	0617	0710	
89	671 0802	0895	0988	1080	1173	1265	1358	1451	1543	1636	
90	1728	1821	1914	2006	2099	2191	2284	2377	2469	2562	
4691	2654	2747	2839	2932	3025	3117	3210	3302	3395	3487	
92	3580	3673	3765	3858	3950	4043	4135	4228	4320	4413	
93	4506	4598	4691	4783	4876	4968	5061	5153	5246	5338	
94	5431	5523	5616	5709	5801	5893	5986	6078	6171	6263	
95	6356	6448	6541	6633	6726	6818	6911	7003	7096	7188	
96	7281	7373	7466	7558	7651	7743	7836	7928	8021	8113	
97	8206	8298	8391	8483	8575	8668	8760	8853	8945	9038	
98	9130	9223	9315	9407	9500	9592	9685	9777	9870	9962	
99	672 0054	0147	0239	0332	0424	0517	0609	0701	0794	0886	
4700	0979	1071	1163	1256	1348	1441	1533	1625	1718	1810	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
4700	672 0979	1071	1153	1256	1346	1441	1533	1625	1718	1810	
01	1903	1995	2087	2180	2272	2364	2457	2549	2642	2734	
02	2825	2919	3011	3103	3196	3288	3380	3473	3565	3657	
03	3750	3842	3934	4027	4119	4211	4304	4396	4488	4581	
04	4673	4765	4858	4950	5042	5135	5227	5319	5412	5504	
05	5595	5689	5781	5873	5965	6058	5150	6242	5335	6427	
06	6519	6612	5704	5796	5688	6981	7073	7155	7257	7350	
07	7442	7534	7627	7719	7811	7903	7996	8088	8180	8272	
08	8365	8457	8549	8641	8734	8826	8918	9010	9102	9195	
09	9287	9379	9471	9564	9656	9748	9840	9932	0025	0117	
10	673 0209	0301	0393	0486	0578	0670	0762	0854	0947	1039	
4711	1131	1223	1316	1408	1500	1592	1584	1776	1868	1961	
12	2053	2145	2237	2329	2421	2514	2606	2598	2790	2882	
13	2974	3067	3159	3251	3343	3435	3527	3519	3712	3804	
14	3896	3988	4080	4172	4264	4356	4449	4541	4633	4725	
15	4817	4909	5001	5093	5185	5277	5370	5462	5554	5646	
16	5736	5830	5922	5014	6106	6198	6290	6383	6475	6567	
17	6559	6751	6843	5935	7027	7119	7211	7303	7395	7487	
18	7579	7571	7753	7856	7948	8040	8132	8224	8316	8408	
19	8500	8592	8684	8776	8868	8960	9052	9144	9236	9328	
20	9420	9512	9604	9696	9788	9880	9972	0064	0156	0248	
4721	674 0340	0432	0524	0516	0708	0800	0892	0984	1076	1168	
22	1260	1352	1444	1536	1628	1720	1812	1904	1996	2088	
23	2179	2271	2363	2455	2547	2639	2731	2823	2915	3007	
24	3099	3191	3283	3375	3467	3559	3650	3742	3834	3926	
25	4018	4110	4202	4294	4386	4478	4570	4661	4763	4845	
26	4987	5029	5121	6213	5305	6397	5469	5580	5672	6764	
27	5858	5948	6040	6132	6224	6315	6407	6499	6591	6683	
28	6775	6867	6958	7050	7142	7234	7326	7418	7509	7601	
29	7693	7785	7877	7969	8060	8152	8244	8336	8428	8520	
30	8611	8703	8795	8887	8979	9070	9162	9254	9346	9438	
4731	9529	9621	9713	9805	9897	9966	0060	0172	0264	0356	
32	675 0447	0539	0531	0723	0814	0906	0998	1090	1182	1273	
33	1365	1457	1549	1640	1732	1824	1916	2007	2099	2191	
34	2283	2374	2466	2558	2649	2741	2833	2925	3016	3108	
35	3200	3292	3383	3475	3567	3658	3750	3842	3934	4025	
36	4117	4209	4300	4392	4484	4575	4667	4759	4850	4942	
37	5034	5126	5217	5309	5401	5492	5584	5676	5767	5859	
38	5951	6042	6134	6226	6317	6409	6501	6592	6684	6775	
39	6857	6959	7050	7142	7234	7325	7417	7509	7600	7692	
40	7783	7875	7967	8058	8150	8242	8333	8425	8516	8608	
4741	8700	8791	8883	8974	9066	9158	9249	9341	9432	9524	
42	8615	9707	9799	9890	9982	0073	0165	0257	0348	0440	
43	676 0531	0623	0714	0806	0897	0989	1081	1172	1264	1355	
44	1447	1536	1630	1721	1813	1903	1996	2088	2179	2271	
45	2362	2454	2545	2637	2728	2820	2911	3003	3094	3186	
46	3277	3369	3450	3552	3643	3735	3826	3918	4009	4101	
47	4192	4284	4376	4467	4558	4650	4741	4833	4924	5016	
48	5107	5199	5290	5382	5473	5564	5656	5747	5839	5930	
49	6022	6113	6205	6296	6387	6479	6570	6662	6753	6845	
4750	6936	7028	7119	7210	7302	7393	7485	7576	7667	7759	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4750	676 6936	7028	7119	7210	7302	7393	7485	7576	7667	7759	
51	7850	7942	8033	8125	8216	8307	8399	8490	8582	8673	
52	8764	8856	8947	9038	9130	9221	9313	9404	9495	9587	
53	9678	9770	9861	9952	0044	0135	0226	0318	0409	0500	
54	677 0592	0683	0774	0866	0957	1049	1140	1231	1323	1414	
55	1505	1597	1688	1779	1871	1962	2053	2145	2236	2327	
56	2418	2510	2601	2692	2784	2875	2966	3058	3149	3240	
57	3332	3423	3514	3605	3697	3788	3879	3971	4062	4153	
58	4244	4336	4427	4518	4609	4701	4792	4883	4975	5066	
59	5157	5248	5340	5431	5522	5613	5705	5796	5887	5978	
60	6070	6161	6252	6343	6434	6526	6617	6708	6799	6891	
4761	6982	7073	7164	7255	7347	7438	7529	7620	7712	7803	
62	7894	7985	8076	8168	8259	8350	8441	8532	8623	8715	
63	8806	8897	8988	9079	9171	9262	9353	9444	9535	9626	
64	9718	9809	9900	9991	0082	0173	0264	0356	0447	0538	
65	678 0629	0720	0811	0902	0994	1085	1176	1267	1358	1449	
66	1540	1632	1723	1814	1905	1996	2087	2178	2269	2360	
67	2452	2543	2634	2725	2816	2907	2998	3089	3180	3271	
68	3362	3454	3545	3636	3727	3818	3909	4000	4091	4182	
69	4273	4364	4455	4546	4637	4729	4820	4911	5002	5093	
70	5184	5275	5366	5457	5548	5639	5730	5821	5912	6003	
4771	6094	6185	6276	6367	6458	6549	6640	6731	6822	6913	91
72	7004	7095	7186	7277	7368	7459	7550	7641	7732	7823	1 9
73	7914	8005	8096	8187	8278	8369	8460	8551	8642	8733	2 18
74	8824	8915	9006	9097	9188	9279	9370	9461	9552	9643	3 27
75	9734	9825	9916	0007	0098	0188	0279	0370	0461	0552	4 36
76	679 0643	0734	0825	0916	1007	1098	1189	1280	1371	1461	5 46
77	1552	1643	1734	1825	1916	2007	2098	2189	2280	2371	6 55
78	2461	2552	2643	2734	2825	2916	3007	3098	3189	3279	7 64
79	3370	3461	3552	3643	3734	3825	3916	4006	4097	4188	8 73
80	4279	4370	4461	4552	4642	4733	4824	4915	5006	5097	9 82
4781	5187	5278	5369	5460	5551	5642	5732	5823	5914	6005	
82	6096	6187	6277	6368	6459	6550	6641	6731	6822	6913	
83	7004	7095	7185	7276	7367	7458	7549	7639	7730	7821	
84	7912	8002	8093	8184	8275	8366	8456	8547	8638	8729	
85	8819	8910	9001	9092	9183	9273	9364	9455	9545	9636	
86	9727	9818	9908	9999	0090	0181	0271	0362	0453	0544	
87	680 0634	0725	0816	0906	0997	1088	1179	1269	1360	1451	
88	1541	1632	1723	1814	1904	1995	2086	2176	2267	2358	
89	2448	2539	2630	2720	2811	2902	2992	3083	3174	3264	
90	3355	3446	3536	3627	3718	3808	3899	3990	4080	4171	
4791	4262	4352	4443	4534	4624	4715	4806	4896	4987	5077	
92	5168	5259	5349	5440	5531	5621	5712	5802	5893	5984	
93	6074	6165	6256	6346	6437	6527	6618	6709	6799	6890	
94	6980	7071	7161	7252	7343	7433	7524	7614	7705	7796	
95	7886	7977	8067	8158	8248	8339	8430	8520	8611	8701	
96	8792	8882	8973	9063	9154	9244	9335	9426	9516	9607	
97	9697	9788	9878	9969	0059	0150	0240	0331	0421	0512	
98	681 0602	0693	0783	0874	0964	1055	1145	1236	1327	1417	
99	1507	1598	1688	1779	1869	1960	2050	2141	2231	2322	
4800	2412	2503	2593	2684	2774	2865	2955	3046	3136	3227	

No.	0	1	2	3	4	5	6	7	8	9	Dist.
4800	681	2412	2503	2593	2634	2774	2865	2955	3046	3136	3227
01		3317	3408	3498	3588	3679	3769	3860	3950	4041	4131
02		4222	4312	4402	4493	4583	4674	4764	4855	4945	5035
03		5126	5216	5307	5397	5488	5578	5668	5759	5849	5940
04		6030	6120	6211	6301	6392	6482	6573	6663	6753	6844
05		6934	7024	7115	7205	7295	7386	7476	7567	7657	7747
06		7838	7928	8018	8109	8199	8289	8380	8470	8561	8651
07		8741	8832	8922	9012	9103	9193	9283	9374	9464	9554
08		9645	9735	9825	9916	0006	0096	0187	0277	0367	0457
09	682	0548	0638	0728	0818	0909	0999	1090	1180	1270	1360
10		1451	1541	1631	1722	1813	1902	1992	2086	2176	2263
4811		2354	2444	2534	2624	2715	2805	2895	2985	3076	3166
12		3258	3348	3437	3527	3617	3707	3798	3888	3978	4068
13		4159	4249	4339	4429	4520	4610	4700	4790	4880	4971
14		5061	5151	5241	5331	5422	5512	5602	5692	5786	5876
15		5963	6053	6143	6233	6324	6414	6504	6594	6684	6775
16		6865	6955	7045	7135	7225	7316	7406	7496	7586	7676
17		7768	7857	7947	8037	8127	8217	8307	8398	8488	8578
18		8668	8758	8848	8938	9029	9119	9209	9299	9389	9479
19		9569	9659	9750	9840	9930	0020	0110	0200	0290	0380
20	883	0470	0560	0651	0741	0831	0921	1011	1101	1191	1281
4821		1371	1461	1551	1642	1732	1822	1912	2002	2092	2182
22		2272	2362	2452	2542	2632	2722	2813	2902	2993	3083
23		3173	3263	3353	3446	3536	3623	3718	3803	3893	3983
24		4073	4163	4253	4343	4433	4523	4613	4703	4793	4883
25		4973	5068	5153	5243	5333	5423	5513	5603	5693	5783
26		5873	5968	6053	6143	6233	6323	6413	6503	6593	6683
27		6776	6863	6953	7043	7133	7223	7313	7403	7493	7583
28		7676	7763	7853	7943	8032	8122	8212	8302	8392	8482
29		8572	8662	8752	8842	8932	9022	9112	9202	9291	9381
30		9471	9561	9651	9741	9831	9921	0011	0101	0191	0280
4831	884	0370	0460	0550	0640	0730	0820	0910	1000	1089	1179
32		1269	1359	1449	1539	1629	1719	1808	1898	1988	2078
33		2168	2258	2348	2438	2527	2617	2707	2797	2887	2977
34		3066	3158	3246	3336	3426	3518	3605	3695	3785	3875
35		3985	4055	4144	4234	4324	4414	4504	4594	4683	4773
36		4863	4953	5043	5132	5222	5312	5402	5492	5581	5671
37		5781	5851	5940	6030	6120	6210	6300	6389	6479	6569
38		6659	6748	6838	6928	7018	7107	7197	7287	7377	7466
39		7556	7646	7736	7825	7916	8006	8095	8184	8274	8364
40		8454	8543	8633	8723	8813	8902	8992	9082	9171	9261
4841		9351	9441	9530	9620	9710	9799	9889	9979	0068	0158
42	685	0248	0338	0427	0517	0607	0696	0786	0876	0966	1055
43		1145	1234	1324	1414	1503	1593	1683	1772	1862	1952
44		2041	2131	2221	2310	2400	2490	2579	2669	2759	2848
45		2938	3027	3117	3207	3296	3386	3476	3565	3655	3744
46		3834	3924	4013	4103	4193	4282	4372	4461	4551	4641
47		4730	4820	4909	4999	5089	5178	5268	5357	5447	5537
48		5626	5716	5805	5895	5984	6074	6164	6253	6343	6432
49		6522	6611	6701	6791	6880	6970	7059	7149	7238	7328
4850		7417	7507	7598	7686	7776	7865	7955	8044	8134	8223

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4850	6857417	7507	7596	7686	7776	7865	7955	8044	8134	8223	
51	8313	8402	8492	8581	8671	8760	8850	8939	9029	9118	
52	9208	9297	9387	9476	9566	9655	9745	9834	9924	0013	
53	6860103	0192	0282	0371	0461	0550	0640	0729	0819	0908	
54	0998	1087	1177	1266	1356	1445	1535	1624	1713	1803	
55	1892	1982	2071	2161	2250	2340	2429	2518	2608	2697	
56	2787	2876	2966	3055	3145	3234	3323	3413	3502	3592	
57	3681	3770	3860	3949	4039	4128	4217	4307	4396	4486	
58	4575	4665	4754	4843	4933	5022	5111	5201	5290	5380	
59	5469	5558	5648	5737	5826	5916	6005	6095	6184	6273	
60	6363	6452	6541	6631	6720	6809	6899	6988	7078	7167	
4861	7256	7346	7435	7524	7614	7703	7792	7882	7971	8060	
62	8150	8239	8328	8418	8507	8596	8685	8775	8864	8953	
63	9043	9132	9221	9311	9400	9489	9578	9668	9757	9846	
64	9936	0025	0114	0204	0293	0382	0471	0561	0650	0739	
65	6870828	0918	1007	1096	1186	1275	1364	1453	1543	1632	
66	1721	1810	1900	1989	2078	2167	2257	2346	2435	2524	
67	2613	2703	2792	2881	2970	3060	3149	3238	3327	3416	
68	3506	3595	3684	3773	3863	3952	4041	4130	4219	4309	
69	4398	4487	4576	4665	4755	4844	4933	5022	5111	5200	
70	5290	5379	5468	5557	5646	5735	5825	5914	6003	6092	
4871	6181	6270	6360	6449	6538	6627	6716	6805	6895	6984	89
72	7073	7162	7251	7340	7429	7518	7608	7697	7786	7875	1
73	7964	8053	8142	8231	8321	8410	8499	8588	8677	8766	2
74	8855	8944	9033	9123	9212	9301	9390	9479	9568	9657	3
75	9746	9835	9924	0013	0103	0192	0281	0370	0459	0548	4
76	6880637	0726	0815	0904	0993	1082	1171	1260	1349	1439	5
77	1528	1617	1706	1795	1884	1973	2062	2151	2240	2329	6
78	2418	2507	2596	2685	2774	2863	2952	3041	3130	3219	7
79	3308	3397	3486	3575	3664	3753	3842	3931	4020	4109	8
80	4198	4287	4376	4465	4554	4643	4732	4821	4910	4999	9
4881	5088	5177	5266	5355	5444	5533	5622	5711	5800	5889	
82	5978	6067	6156	6245	6334	6423	6511	6600	6689	6778	
83	6867	6956	7045	7134	7223	7312	7401	7490	7579	7668	
84	7757	7845	7934	8023	8112	8201	8290	8379	8468	8557	
85	8646	8735	8823	8912	9001	9090	9179	9268	9357	9446	
86	9535	9624	9712	9801	9890	9979	0068	0157	0246	0335	
87	6890423	0512	0601	0690	0779	0868	0957	1045	1134	1223	
88	1312	1401	1490	1579	1667	1756	1845	1934	2023	2112	
89	2200	2289	2378	2467	2556	2645	2733	2822	2911	3000	
90	3089	3177	3266	3355	3444	3533	3621	3710	3799	3888	
4891	3977	4065	4154	4243	4332	4421	4509	4598	4687	4776	
92	4864	4953	5042	5131	5220	5308	5397	5486	5575	5663	
93	5752	5841	5930	6018	6107	6196	6285	6373	6462	6551	
94	6640	6728	6817	6906	6995	7083	7172	7261	7350	7438	
95	7527	7616	7704	7793	7882	7971	8059	8148	8237	8325	
96	8414	8503	8591	8680	8769	8858	8946	9035	9124	9212	
97	9301	9390	9478	9567	9656	9744	9833	9922	0010	0099	
98	6900188	0276	0365	0454	0542	0631	0720	0808	0897	0986	
99	1074	1163	1252	1340	1429	1518	1606	1695	1784	1872	
4900	1961	2049	2138	2227	2315	2404	2493	2581	2670	2758	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
4900	690 1961	2049	2138	2227	2315	2404	2493	2581	2670	2758	
01	2847	2936	3024	3113	3201	3290	3379	3467	3556	3644	
02	3733	3822	3910	3999	4087	4176	4265	4353	4442	4530	
03	4619	4708	4795	4885	4973	5062	5150	5239	5327	5416	
04	5505	5593	5682	5770	5859	5947	6036	6124	6213	6302	
05	6390	6479	6567	6656	6744	6833	6921	7010	7098	7187	
06	7275	7364	7452	7541	7630	7718	7807	7895	7984	8072	
07	8161	8249	8338	8426	8516	8608	8692	8780	8869	8957	
08	9046	9134	9223	9311	9399	9488	9576	9665	9753	9842	
09	9930	0019	0107	0196	0284	0373	0461	0550	0638	0726	
10	891 0615	0903	0992	1080	1169	1257	1346	1434	1529	1611	
4911	1699	1788	1878	1965	2053	2141	2230	2318	2407	2495	
12	2584	2672	2760	2849	2937	3026	3114	3202	3291	3379	
13	3468	3558	3644	3733	3821	3910	3998	4086	4175	4263	
14	4352	4440	4526	4617	4705	4793	4882	4970	5058	5147	
15	5235	5324	5412	5500	5589	5677	5765	5854	5942	6030	
16	6118	6207	6295	6384	6472	6560	6649	6737	6825	6914	
17	7002	7090	7179	7267	7355	7444	7532	7620	7709	7797	
18	7885	7974	8062	8150	8238	8327	8415	8503	8592	8680	
19	8766	8857	8945	9033	9121	9210	9298	9386	9474	9563	
20	9651	9739	9828	9916	0004	0092	0181	0269	0357	0445	
4991	892 0534	0622	0710	0798	0887	0975	1063	1151	1240	1328	
22	1416	1504	1593	1681	1769	1857	1945	2034	2122	2210	
23	2298	2387	2475	2563	2651	2739	2828	2916	3004	3092	
24	3180	3269	3357	3445	3533	3621	3710	3798	3885	3974	
25	4062	4151	4239	4327	4415	4503	4591	4680	4768	4856	
26	4944	5032	5120	5209	5297	5385	5473	5561	5648	5737	
27	5826	5914	6002	6090	6178	6266	6354	6442	6531	6619	
28	6707	6795	6883	6971	7059	7148	7236	7324	7412	7500	
29	7588	7676	7764	7853	7941	8029	8117	8205	8293	8381	
30	8469	8557	8645	8733	8822	8910	8998	9086	9174	9262	
4931	9350	9438	9526	9614	9702	9790	9878	9967	0055	0143	
32	893 0231	0319	0407	0495	0583	0671	0759	0847	0935	1023	
33	1111	1199	1287	1375	1463	1551	1639	1727	1815	1903	
34	1991	2079	2167	2256	2344	2432	2520	2608	2696	2784	
35	2872	2960	3048	3136	3224	3312	3400	3488	3576	3664	
36	3752	3839	3927	4015	4103	4191	4279	4367	4455	4543	
37	4631	4719	4807	4895	4983	5071	5159	5247	5335	5423	
38	5511	5599	5687	5775	5863	5951	6039	6126	6214	6302	
39	6390	6478	6566	6654	6742	6830	6918	7006	7094	7182	
40	7269	7357	7445	7533	7621	7709	7797	7885	7973	8061	
4941	8149	8236	8324	8412	8500	8588	8676	8764	8852	8940	
42	9027	9115	9203	9291	9379	9467	9555	9643	9730	9818	
43	9906	9994	0082	0170	0258	0345	0433	0521	0609	0697	
44	694 0785	0872	0960	1048	1136	1224	1312	1399	1487	1575	
45	1663	1751	1839	1926	2014	2102	2190	2278	2366	2453	
46	2541	2629	2717	2805	2892	2980	3068	3156	3244	3331	
47	3419	3507	3595	3682	3770	3858	3946	4034	4121	4209	
48	4297	4385	4472	4560	4648	4736	4824	4911	4999	5087	
49	5175	5262	5350	5438	5526	5613	5701	5789	5877	5964	
4950	6059	6140	6227	6315	6403	6491	6578	6666	6754	6842	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
4950	694 6052	6140	6227	6315	6403	6491	6578	6666	6754	6842	
51	6929	7017	7105	7192	7280	7368	7456	7543	7631	7719	
52	7806	7894	7982	8069	8157	8245	8333	8420	8508	8596	
53	8683	8771	8859	8946	9034	9122	9209	9297	9385	9472	
54	9560	9648	9735	9823	9911	9998	0086	0174	0261	0349	
55	695 0437	0524	0612	0700	0787	0875	0962	1050	1138	1226	
56	1313	1401	1488	1576	1663	1751	1839	1926	2014	2102	
57	2189	2277	2364	2452	2540	2627	2715	2802	2890	2978	
58	3065	3153	3240	3328	3416	3503	3591	3678	3766	3854	
59	3941	4029	4116	4204	4291	4379	4467	4554	4642	4729	
60	4817	4904	4992	5079	5167	5255	5342	5430	5517	5605	
4961	5692	5780	5867	5955	6042	6130	6217	6305	6393	6480	
62	6568	6655	6743	6830	6918	7005	7093	7180	7268	7355	
63	7443	7530	7618	7705	7793	7880	7968	8055	8143	8230	
64	8318	8405	8493	8580	8668	8755	8843	8930	9018	9105	
65	9193	9280	9367	9455	9542	9630	9717	9805	9892	9980	
66	696 0067	0155	0242	0330	0417	0504	0592	0679	0767	0854	
67	0942	1029	1116	1204	1291	1379	1466	1554	1641	1728	
68	1816	1903	1991	2078	2166	2253	2340	2428	2515	2603	
69	2690	2777	2865	2952	3040	3127	3214	3302	3389	3477	
70	3564	3651	3739	3826	3913	4001	4088	4176	4263	4350	
4971	4438	4525	4612	4700	4787	4874	4962	5049	5137	5224	
72	5311	5399	5486	5573	5661	5748	5835	5923	6010	6097	
73	6185	6272	6359	6447	6534	6621	6709	6796	6883	6970	
74	7058	7145	7232	7320	7407	7494	7582	7669	7756	7844	
75	7931	8018	8105	8193	8280	8367	8455	8542	8629	8716	
76	8804	8891	8978	9066	9153	9240	9327	9415	9502	9589	
77	9676	9764	9851	9938	0025	0113	0200	0287	0374	0462	
78	697 0549	0636	0723	0811	0898	0985	1072	1160	1247	1334	
79	1421	1508	1596	1683	1770	1857	1945	2032	2119	2206	
80	2293	2381	2468	2555	2642	2729	2817	2904	2991	3078	
4981	3165	3253	3340	3427	3514	3601	3689	3776	3863	3950	
82	4037	4124	4212	4299	4386	4473	4560	4647	4735	4822	
83	4909	4996	5083	5170	5257	5345	5432	5519	5606	5693	
84	5780	5867	5955	6042	6129	6216	6303	6390	6477	6565	
85	6652	6739	6826	6913	7000	7087	7174	7261	7349	7436	
86	7523	7610	7697	7784	7871	7958	8045	8132	8220	8307	
87	8394	8481	8568	8655	8742	8829	8916	9003	9090	9177	
88	9264	9352	9439	9526	9613	9700	9787	9874	9961	0048	
89	698 0135	0222	0309	0396	0483	0570	0657	0744	0831	0918	
90	1005	1092	1180	1267	1354	1441	1528	1615	1702	1789	
4991	1876	1963	2050	2137	2224	2311	2398	2485	2572	2659	
92	2746	2833	2920	3007	3094	3181	3268	3355	3442	3529	
93	3616	3703	3790	3877	3964	4051	4138	4224	4311	4398	
94	4485	4572	4659	4746	4833	4920	5007	5094	5181	5268	
95	5355	5442	5529	5616	5703	5790	5877	5964	6050	6137	
96	6224	6311	6398	6485	6572	6659	6746	6833	6920	7007	
97	7093	7180	7267	7354	7441	7528	7615	7702	7789	7876	
98	7963	8049	8136	8223	8310	8397	8484	8571	8658	8744	
99	8831	8918	9005	9092	9179	9266	9353	9439	9526	9613	
5000	699 9700	9787	9874	9961	0047	0134	0221	0308	0395	0482	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5000	698	9700	9787	9874	9961	0047	0134	0221	0308	0395	0482
01	899	0569	0655	0742	0829	0916	1003	1090	1176	1263	1350
02		1437	1524	1611	1697	1784	1871	1958	2046	2131	2218
03		2305	2392	2479	2565	2652	2739	2828	2913	2999	3086
04		3173	3260	3347	3433	3520	3607	3694	3780	3867	3954
05		4041	4128	4214	4301	4388	4475	4561	4648	4735	4822
06		4908	4995	5082	5169	5255	5342	5429	5516	5602	5689
07		5776	5863	5949	6036	6123	6210	6296	6383	6470	6556
08		6643	6730	6817	6903	6990	7077	7163	7250	7337	7424
09		7610	7697	7784	7870	7957	7944	8031	8117	8204	8291
10		8377	8464	8551	8637	8724	8811	8897	8984	9071	9157
5011		9244	9331	9417	9504	9591	9677	9764	9851	9937	0024
12	700	0111	0197	0284	0371	0457	0544	0630	0717	0804	0890
13		0977	1064	1150	1237	1324	1410	1497	1583	1670	1757
14		1843	1930	2017	2103	2190	2276	2363	2450	2536	2623
15		2709	2796	2883	2969	3056	3142	3229	3316	3402	3489
16		3575	3662	3748	3835	3922	4006	4095	4181	4268	4354
17		4441	4528	4614	4701	4787	4874	4960	5047	5133	5220
18		5307	5393	5480	5566	5653	6739	5826	5912	5999	6085
19		6173	6258	6345	6432	6516	6605	6691	6778	6864	6951
20		7037	7124	7210	7297	7383	7470	7556	7643	7729	7816
5021		7902	7989	8075	8162	8248	8335	8421	8508	8594	8681
22		8767	8854	8940	9027	9113	9199	9286	9372	9459	9545
23		9632	9718	9805	9891	9976	0064	0151	0237	0323	0410
24	701	0498	0583	0669	0755	0842	0929	1016	1101	1186	1274
25		1661	1447	1534	1620	1708	1793	1879	1966	2052	2136
26		2225	2311	2396	2484	2570	2657	2743	2830	2916	3002
27		3089	3175	3262	3349	3436	3521	3607	3694	3780	3866
28		3966	4053	4139	4226	4312	4398	4471	4557	4644	4730
29		4816	4906	4989	5076	5162	5248	5334	5421	5507	5594
30		5680	5766	5853	5939	6025	6112	6198	6284	6371	6457
5031		6543	6629	6716	6802	6888	6975	7061	7147	7234	7320
32		7408	7493	7579	7665	7752	7838	7924	8010	8097	8183
33		8269	8355	8442	8528	8614	8701	8787	8873	8960	9046
34		9132	9218	9305	9391	9477	9563	9650	9736	9822	9908
35		9995	0081	0167	0254	0340	0426	0512	0598	0685	0771
36	702	0857	0943	1030	1116	1202	1288	1378	1461	1547	1633
37		1720	1808	1892	1978	2064	2151	2237	2323	2409	2495
38		2582	2668	2754	2840	2926	3013	3099	3185	3271	3357
39		3444	3530	3616	3702	3788	3874	3961	4047	4133	4219
40		4305	4392	4478	4564	4650	4738	4822	4909	4995	5081
5041		5167	5253	5339	5425	5512	5598	5684	5770	5856	5942
42		6028	6115	6201	6287	6373	6460	6545	6631	6717	6804
43		6890	6976	7063	7148	7234	7320	7408	7493	7579	7665
44		7751	7837	7923	8009	8093	8181	8267	8353	8440	8526
45		8612	8698	8784	8870	8958	9042	9128	9214	9300	9386
46		9472	9559	9645	9731	9817	9903	9989	0075	0161	0247
47	703	0333	0419	0503	0591	0677	0763	0849	0935	1021	1107
48		1193	1279	1368	1452	1538	1624	1710	1796	1882	1968
49		2054	2140	2226	2312	2398	2484	2570	2656	2742	2828
5050		2914	3000	3086	3172	3258	3344	3430	3518	3602	3688

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5050	703 2914	8000	3086	3172	3258	3344	3430	3516	3602	3688	
51	3774	3860	3946	4032	4118	4204	4290	4376	4461	4547	
52	4633	4719	4805	4891	4977	5063	5149	5235	5321	5407	
53	5493	5579	5665	5751	5837	5923	6009	6095	6181	6266	
54	6352	6438	6524	6610	6696	6782	6868	6954	7040	7126	
55	7212	7298	7383	7469	7555	7641	7727	7813	7899	7985	
56	8071	8157	8242	8328	8414	8500	8586	8672	8758	8844	
57	8930	9015	9101	9187	9273	9359	9445	9531	9617	9702	
58	9788	9874	9960	0046	0132	0218	0303	0389	0475	0561	
59	704 0647	0733	0818	0904	0990	1076	1162	1248	1334	1419	
60	1505	1591	1677	1763	1848	1934	2020	2106	2192	2278	
6061	2363	2449	2535	2621	2707	2792	2878	2964	3050	3136	
62	3221	3307	3393	3479	3565	3650	3736	3822	3908	3993	
63	4079	4165	4251	4337	4422	4508	4594	4680	4765	4851	
64	4937	5023	5108	5194	5280	5366	5452	5537	5623	5709	
65	5794	5880	5966	6052	6137	6223	6309	6395	6480	6566	
66	6652	6738	6823	6909	6995	7080	7166	7252	7338	7423	
67	7509	7595	7680	7766	7852	7938	8023	8109	8195	8280	
68	8366	8452	8537	8623	8709	8795	8880	8966	9052	9137	
69	9223	9309	9394	9480	9566	9651	9737	9823	9908	9994	
70	705 0080	0165	0251	0337	0422	0508	0594	0679	0765	0850	86
5071	0936	1022	1107	1193	1279	1364	1450	1536	1621	1707	1 9
72	1792	1878	1964	2049	2135	2221	2306	2392	2477	2563	2 17
73	2649	2734	2820	2905	2991	3077	3162	3248	3333	3419	3 28
74	3505	3590	3676	3761	3847	3933	4018	4104	4189	4275	4 34
75	4360	4446	4532	4617	4703	4788	4874	4959	5045	5131	5 43
76	5216	5302	5387	5473	5558	5644	5729	5815	5901	5986	6 52
77	6072	6157	6243	6328	6414	6499	6585	6670	6756	6841	7 60
78	6927	7013	7098	7184	7269	7355	7440	7526	7611	7697	8 69
79	7782	7868	7953	8039	8124	8210	8295	8381	8466	8552	9 77
80	8637	8723	8808	8894	8979	9065	9150	9236	9321	9406	
5081	9492	9577	9663	9748	9834	9919	0005	0090	0176	0261	
82	706 0347	0432	0518	0603	0688	0774	0859	0945	1030	1116	
83	1201	1287	1372	1457	1543	1628	1714	1799	1885	1970	
84	2055	2141	2226	2312	2397	2483	2568	2653	2739	2824	
85	2910	2995	3080	3166	3251	3337	3422	3507	3593	3678	
86	3764	3849	3934	4020	4105	4190	4276	4361	4447	4532	
87	4617	4703	4788	4873	4959	5044	5130	5215	5300	5386	
88	5471	5556	5642	5727	5812	5898	5983	6068	6154	6239	
89	6325	6410	6495	6581	6666	6751	6837	6922	7007	7092	
90	7178	7263	7348	7434	7519	7604	7690	7775	7860	7946	
5091	8031	8116	8202	8287	8372	8457	8543	8628	8713	8799	
92	8884	8969	9055	9140	9225	9310	9396	9481	9566	9651	
93	9737	9822	9907	9993	0078	0163	0248	0334	0419	0504	
94	707 0589	0675	0760	0845	0930	1016	1101	1186	1271	1357	
95	1442	1527	1612	1698	1783	1868	1953	2039	2124	2209	
96	2294	2379	2465	2550	2635	2720	2805	2891	2976	3061	
97	3146	3232	3317	3403	3488	3572	3658	3743	3828	3913	
98	3998	4083	4169	4254	4339	4424	4509	4595	4680	4765	
99	4850	4935	5020	5106	5191	5276	5361	5446	5531	5617	
5100	5702	5787	5872	5957	6042	6128	6213	6298	6383	6468	

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5100	707	5702	5787	5872	5957	6042	6128	6213	6298	6383	6468
01		6553	5538	5724	5809	6894	6979	7064	7149	7234	7319
02		7405	7490	7575	7660	7745	7830	7915	8000	8085	8171
03		8256	8341	8425	8511	8596	8681	8766	8851	8935	9022
04		9107	0192	9277	9352	9447	9532	0517	9702	9787	9872
05		9957	0043	0128	0213	0298	0383	0468	0553	0638	0723
06	708	0808	0893	0978	1063	1148	1233	1318	1403	1488	1574
07		1659	1744	1829	1914	1999	2084	2169	2254	2339	2424
08		2509	2594	2679	2764	2849	2934	3019	3104	3189	3274
09		3359	3444	3529	3614	3699	3784	3869	3954	4039	4124
10		4209	4294	4379	4464	4549	4634	4719	4804	4889	4974
111		5059	5144	5229	5314	5399	5484	5569	5654	5739	5823
12		5908	5993	6078	5153	5248	6333	6418	6503	6588	5673
13		5758	6843	6928	7013	7098	7183	7268	7352	7437	7522
14		7607	7592	7777	7862	7947	8032	8117	8202	8287	8371
15		8455	8541	8525	8711	8795	5881	8966	9051	9136	9220
15		9305	9390	9475	9560	9545	9730	9815	9900	9984	0069
17	709	0154	0239	0324	0409	0494	0579	0563	0748	0833	0918
18		1003	1088	1173	1257	1342	1427	1512	1597	1682	1766
19		1851	1936	2021	2108	2191	2275	2360	2445	2530	2615
20		2700	2784	2869	2954	3039	3124	3209	3293	3378	3463
5121		3548	8633	8717	3802	3887	3972	4057	4141	4226	4311
22		4398	4481	4565	4650	4735	4820	4904	4989	5074	5159
23		5244	5328	5413	5498	5583	5667	5752	5837	5922	5006
24		6091	5176	6261	6348	6430	8515	8600	6684	6769	6854
25		8939	7023	7108	7193	7278	7362	7447	7532	7617	7701
26		7786	7871	7955	8040	8125	8210	8294	8379	8464	8548
27		8633	8718	8803	8887	8972	9057	9141	9226	9311	9395
28		9430	0565	9650	9734	9819	9904	9988	0073	0158	0242
29	710	0327	0412	0496	0581	0658	0780	0835	0920	1004	1089
30		1174	1258	1343	1428	1512	1597	1682	1766	1851	1936
5131		2020	2105	2189	2274	2359	2443	2528	2613	2697	2782
32		2868	2951	3036	3120	3205	3290	3374	3459	3543	3628
33		3713	3797	3882	3966	4051	4135	4220	4305	4389	4474
34		4559	4643	4728	4812	4897	4982	5066	5151	5235	5320
35		5404	5489	5574	5658	5743	5827	5912	5996	6081	6166
36		6250	6335	6419	6504	6588	6673	6757	6842	6927	7011
37		7095	7180	7265	7349	7434	7518	7603	7687	7772	7856
38		7941	8026	8110	8195	8279	8364	8448	8533	8617	8702
39		8786	8871	8955	9040	9124	9209	9293	9378	9462	9547
40		9531	0715	0800	9885	9959	0054	0138	0223	0307	0392
5141	711	0475	0561	0645	0729	0814	0898	0983	1067	1152	1236
42		1321	1405	1490	1574	1559	1743	1827	1912	1996	2081
43		2165	2250	2334	2419	2503	2587	2572	2756	2841	2925
44		3010	3094	3178	3263	3347	3432	3515	3601	3685	3769
45		3854	3938	4023	4107	4191	4275	4360	4445	4529	4613
45		4698	4782	4867	4951	5035	6120	5204	5289	5373	5457
47		5542	5625	5710	5795	5879	6964	6048	5132	6217	6301
48		6385	6470	6554	6638	6723	6807	6892	6978	7060	7145
49		7229	7313	7398	7482	7558	7651	7735	7819	7904	7988
5150		8072	8157	8241	8325	8410	8494	8578	8653	8747	8831

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5150	711 8072	8157	8241	8325	8410	8494	8578	8663	8747	8831	
51	8915	9000	9084	9168	9253	9337	9421	9506	9590	9674	
52	9759	9843	9927	0011	0096	0180	0264	0349	0433	0517	
53	712 0601	0686	0770	0854	0939	1023	1107	1191	1276	1360	
54	1444	1528	1613	1697	1781	1865	1950	2034	2118	2202	
55	2287	2371	2455	2539	2624	2708	2792	2876	2961	3045	
56	3129	3213	3298	3382	3466	3550	3634	3719	3803	3887	
57	3971	4056	4140	4224	4308	4392	4477	4561	4645	4729	
58	4813	4898	4982	5066	5150	5234	5319	5403	5487	5571	
59	5655	5739	5824	5908	5992	6076	6160	6245	6329	6413	
60	6497	6581	6665	6750	6834	6918	7002	7086	7170	7254	
5161	7339	7423	7507	7591	7675	7759	7843	7928	8012	8096	
62	8180	8264	8348	8432	8517	8601	8685	8769	8853	8937	
63	9021	9105	9189	9274	9358	9442	9526	9610	9694	9778	
64	9862	9946	0031	0115	0199	0283	0367	0451	0535	0619	
65	713 0703	0787	0871	0956	1040	1124	1208	1292	1376	1460	
66	1544	1628	1712	1796	1880	1964	2048	2132	2217	2301	
67	2385	2469	2553	2637	2721	2805	2889	2973	3057	3141	
68	3225	3309	3393	3477	3561	3645	3729	3813	3897	3981	
69	4065	4149	4233	4317	4401	4485	4569	4653	4737	4821	
70	4905	4989	5073	5157	5241	5325	5409	5493	5577	5661	
5171	5745	5829	5913	5997	6081	6165	6249	6333	6417	6501	
72	6585	6669	6753	6837	6921	7005	7089	7173	7257	7341	
73	7425	7509	7593	7677	7761	7845	7928	8012	8096	8180	
74	8264	8348	8432	8516	8600	8684	8768	8852	8936	9020	
75	9104	9187	9271	9355	9439	9523	9607	9691	9775	9859	
76	0943	0027	0110	0194	0278	0362	0446	0530	0614	0698	
77	714 0782	0866	0949	1033	1117	1201	1285	1369	1453	1537	
78	1620	1704	1788	1872	1956	2040	2124	2208	2291	2375	
79	2459	2543	2627	2711	2795	2878	2962	3046	3130	3214	
80	3298	3381	3465	3549	3633	3717	3801	3884	3968	4052	
5181	4136	4220	4304	4387	4471	4555	4639	4723	4806	4890	
82	4974	5058	5142	5226	5309	5393	5477	5561	5645	5728	
83	5812	5896	5980	6063	6147	6231	6315	6399	6482	6566	
84	6650	6734	6817	6901	6985	7069	7153	7236	7320	7404	
85	7488	7571	7655	7739	7823	7906	7990	8074	8158	8241	
86	8325	8409	8493	8576	8660	8744	8828	8911	8995	9079	
87	9162	9246	9330	9414	9497	9581	9665	9749	9832	9916	
88	715 0000	0083	0167	0251	0335	0418	0502	0586	0669	0753	
89	0837	0920	1004	1088	1171	1255	1339	1423	1506	1590	
90	1674	1757	1841	1925	2008	2092	2176	2259	2343	2427	
5191	2510	2594	2678	2761	2845	2929	3012	3096	3180	3263	
92	3347	3430	3514	3598	3681	3765	3849	3932	4016	4100	
93	4183	4267	4350	4434	4518	4601	4685	4769	4852	4936	
94	5019	5103	5187	5270	5354	5438	5521	5605	5688	5772	
95	5856	5939	6023	6106	6190	6273	6357	6441	6524	6608	
96	6691	6775	6859	6942	7026	7109	7193	7276	7360	7444	
97	7527	7611	7694	7778	7861	7945	8029	8112	8196	8279	
98	8363	8446	8530	8613	8697	8780	8864	8948	9031	9115	
99	9198	9282	9365	9449	9532	9616	9699	9783	9866	9950	
5200	716 0033	0117	0200	0284	0367	0451	0535	0618	0702	0785	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5200	7160033	0117	0200	0284	0387	0451	0535	0618	0702	0785	
01	0869	0952	1036	1119	1303	1286	1370	1453	1537	1620	
02	1703	1787	1870	1954	2037	2121	2204	2288	2371	2455	
03	2538	2623	2705	2789	2872	2958	3039	3123	3206	3289	
04	3373	3458	3540	3623	3707	3790	3874	3957	4040	4124	
06	4207	4291	4374	4468	4541	4625	4708	4791	4875	4958	
06	6042	6125	6208	6292	5378	8459	5542	6626	6709	6792	
07	6876	6959	6043	6126	6209	8293	6378	6460	6543	6626	
08	6710	6793	6877	6960	7043	7127	7210	7293	7377	7460	
09	7544	7627	7710	7794	7877	7960	8044	8127	8211	8294	
10	8377	8461	8544	8627	8711	8704	8877	8961	9044	8127	
5211	9211	9294	0377	9461	9544	9827	9711	9784	9877	8961	
12	7170044	0127	0211	0294	0377	0461	0544	0627	0711	0794	
13	0877	0961	1044	1127	1210	1294	1377	1460	1544	1627	
14	1710	1794	1877	1960	2043	2127	2210	2293	2377	2460	
16	2543	2626	2710	2793	2876	2959	3043	3126	3209	3293	
18	3376	3459	3542	3625	3709	3792	3876	3969	4042	4125	
17	4208	4292	4376	4458	4541	4625	4708	4781	4874	4958	
18	6041	6124	6207	6290	6374	6457	6540	6623	6707	6790	
19	6873	6966	6039	6123	6208	6289	6372	6455	6539	6622	
20	6705	6788	6871	6955	7038	7121	7204	7287	7371	7454	
5231	7637	7620	7703	7788	7870	7953	8036	8119	8202	8286	
22	8369	8462	8535	8618	8701	8784	8868	8951	9034	9117	
23	9200	9283	9367	9450	9533	9616	9699	9782	9865	9949	
24	7180032	0116	0198	0281	0364	0447	0530	0614	0697	0780	
25	0863	0948	1029	1112	1198	1279	1362	1445	1526	1611	
26	1894	1777	1860	1943	2028	2110	2103	2278	2359	2442	
27	2525	2608	2691	2774	2857	2940	3023	8107	3190	8278	
28	3358	3439	3522	3606	3688	8771	3854	8937	4020	4103	
29	4186	4269	4353	4438	4519	4602	4685	4768	4851	4934	
30	5017	5100	5183	5268	5349	5432	5515	5598	5681	5764	
5231	8847	5930	6013	8098	8179	8262	8345	6428	6511	6594	
32	6677	6760	8843	6926	7009	7092	7175	7258	7341	7424	
33	7607	7590	7673	7756	7839	7922	8005	8088	8171	8254	
34	8337	8420	8503	8586	8669	8752	8835	8918	9001	9084	
36	9187	9250	9333	9418	9499	9582	9665	9748	9830	9913	
38	0996	0079	0162	0245	0328	0411	0494	0577	0660	0743	
37	7190828	0909	0992	1078	1167	1240	1323	1408	1489	1572	
38	1655	1738	1821	1904	1987	2069	2162	2235	2318	2401	
39	2464	2567	2650	2733	2816	2898	2981	3084	3147	3230	
40	3313	3396	3479	3562	3644	3727	3810	3893	3976	4069	
6241	4142	4224	4307	4390	4473	4566	4639	4722	4804	4887	
42	4070	5053	5136	5219	5302	5384	5467	5550	5633	5718	
43	5799	6881	5964	6047	6130	6213	6296	6378	6481	8544	
44	6627	6710	6792	6876	8958	7041	7124	7207	7289	7372	
46	7455	7638	7621	7703	7786	7869	7952	8034	8117	8200	
46	8283	8366	8448	8531	8614	8697	8780	8862	8945	9028	
47	9111	8183	9276	9359	9442	9524	9607	9690	9773	9858	
48	9938	0021	0104	0187	0269	0352	0435	0518	0600	0683	
49	7200768	0848	0931	1014	1097	1179	1262	1345	1428	1510	
6250	1693	1676	1763	1841	1924	2007	2089	2172	2255	2337	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5250	7201593	1676	1758	1841	1924	2007	2089	2172	2255	2337	
51	2420	2503	2586	2668	2751	2834	2916	2999	3082	3164	
52	3247	3330	3413	3495	3578	3661	3743	3826	3909	3991	
53	4074	4157	4239	4322	4405	4487	4570	4653	4735	4818	
54	4901	4983	5066	5149	5231	5314	5397	5479	5562	5645	
55	5727	5810	5892	5975	6058	6140	6223	6306	6388	6471	
56	6554	6636	6719	6801	6884	6967	7049	7132	7215	7297	
57	7380	7462	7545	7628	7710	7793	7875	7958	8041	8123	
58	8206	8288	8371	8454	8536	8619	8701	8784	8867	8949	
59	9032	9114	9197	9279	9362	9445	9527	9610	9692	9775	
60	9857	9940	0023	0105	0188	0270	0353	0435	0518	0600	
5261	7210683	0766	0848	0931	1013	1096	1178	1261	1343	1426	
62	1508	1591	1674	1756	1839	1921	2004	2086	2169	2251	
63	2334	2416	2499	2581	2664	2746	2829	2911	2994	3076	
64	3159	3241	3324	3406	3489	3571	3654	3736	3819	3901	
65	3984	4066	4149	4231	4314	4396	4479	4561	4644	4726	
66	4809	4891	4973	5056	5138	5221	5303	5386	5468	5551	
67	5633	5716	5798	5881	5963	6045	6128	6210	6293	6375	
68	6458	6540	6623	6705	6787	6870	6952	7035	7117	7200	
69	7282	7364	7447	7529	7612	7694	7777	7859	7941	8024	
70	8106	8189	8271	8353	8436	8518	8601	8683	8765	8848	
5271	8930	9013	9095	9177	9260	9342	9424	9507	9589	9672	
72	9754	9836	9919	0001	0084	0166	0248	0331	0413	0495	
73	7220578	0660	0742	0825	0907	0990	1072	1154	1237	1319	
74	1401	1484	1566	1648	1731	1813	1895	1978	2060	2142	
75	2225	2307	2389	2472	2554	2636	2719	2801	2883	2966	
76	3048	3130	3212	3295	3377	3459	3542	3624	3706	3789	
77	3971	3953	4036	4118	4200	4282	4365	4447	4529	4612	
78	4694	4776	4858	4941	5023	5105	5188	5270	5352	5434	
79	5517	5599	5681	5763	5846	5928	6010	6092	6175	6257	
80	6339	6421	6504	6586	6668	6750	6833	6915	6997	7079	
5281	7162	7244	7326	7408	7491	7573	7655	7737	7820	7902	
82	7984	8066	8148	8231	8313	8395	8477	8559	8642	8724	
83	8806	8888	8971	9053	9135	9217	9299	9382	9464	9546	
84	9628	9710	9792	9875	9957	0039	0121	0203	0285	0368	
85	7230450	0532	0614	0696	0779	0861	0943	1025	1107	1189	
86	1272	1354	1436	1518	1600	1682	1765	1847	1929	2011	
87	2093	2175	2257	2340	2422	2504	2586	2668	2750	2832	
88	2914	2997	3079	3161	3243	3325	3407	3489	3571	3654	
89	3736	3818	3900	3982	4064	4146	4228	4310	4393	4475	
90	4557	4639	4721	4803	4885	4967	5049	5131	5213	5296	
5291	5378	5460	5542	5624	5706	5788	5870	5952	6034	6116	
92	6198	6280	6362	6445	6527	6609	6691	6773	6855	6937	
93	7019	7101	7183	7265	7347	7429	7511	7593	7675	7757	
94	7839	7921	8003	8085	8167	8250	8332	8414	8496	8578	
95	8660	8742	8824	8906	8988	9070	9152	9234	9316	9398	
96	9480	9562	9644	9726	9808	9890	9972	0054	0136	0218	
97	7240360	0382	0464	0546	0628	0710	0792	0874	0956	1038	
98	1120	1202	1283	1365	1447	1529	1611	1693	1775	1857	
99	1939	2021	2103	2185	2267	2349	2431	2513	2595	2677	
5300	2739	2841	2923	3005	3086	3168	3250	3332	3414	3496	

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Na	0	1	2	3	4	5	6	7	8	9	Diff.
5300	724	2759	2841	2923	3005	3088	3166	8250	3332	3414	3495
01	3576	3660	3742	3824	3908	3986	4070	4151	4233	4316	
02	4397	4479	4561	4643	4725	4807	4889	4971	5052	5134	
03	5216	5298	5360	5452	5544	6526	5708	5790	5871	5953	
04	6035	6117	6199	6281	6368	6445	6526	6609	6690	6772	
05	6854	6938	7016	7099	7181	7263	7345	7427	7509	7591	
06	7672	7754	7838	7918	8000	8082	8164	8245	8327	8409	
07	9491	9573	8655	9736	8819	8900	8982	9064	9146	9227	
08	9309	9391	9473	9555	9635	9718	9800	9882	9964	0045	
09	725	0127	0209	0291	0373	0454	0536	0615	0700	0782	0863
10	0945	1027	1109	1191	1272	1354	1436	1518	1599	1681	
5311	1766	1845	1927	2008	2090	2172	2254	2335	2417	2499	
12	2581	2662	2744	2826	2908	2989	3071	3153	3235	3316	
16	8398	3480	3562	3643	3725	8807	3889	3970	4052	4134	
14	4216	4297	4379	4461	4542	4624	4706	4786	4869	4951	
15	5033	5114	5195	5279	5360	5441	5523	5605	5686	5768	
16	5850	5931	6013	6095	6176	6258	6340	6422	6503	6585	
17	6667	6748	6830	6912	6993	7075	7157	7236	7320	7402	
18	7483	7565	7647	7725	7810	7892	7973	8055	8137	8218	
19	6300	8382	6463	8545	8528	8708	8790	8871	8953	9035	
20	9116	9198	9260	9351	9443	9524	9606	9688	9769	9851	
5321	9933	0014	0096	0177	0259	0341	0422	0504	0585	0667	
22	728	0749	0830	0912	0994	1076	1157	1238	1320	1401	1483
23	1585	1846	1725	1509	1691	1973	2054	2135	2217	2299	
24	2380	2462	2544	2625	2707	2758	2870	2951	3035	3116	
25	5195	5278	8359	3441	3522	5604	3655	5767	5849	3930	
26	4012	4093	4175	4256	4338	4419	4501	4582	4684	4745	
27	4827	4908	4990	5072	5153	5235	5315	5395	5479	5581	
28	5642	5724	5805	5887	5968	6050	8161	6215	8294	5378	
29	8457	5539	6620	8702	6783	5555	5945	7026	7109	7191	
30	7273	7354	7435	7517	7598	7679	7751	7842	7924	6005	
5361	8057	8155	8250	8331	8413	8494	5576	8657	8739	8820	
62	5901	8263	8054	8148	9227	9309	9390	9472	9553	9634	
63	9716	9797	9879	9960	0042	0123	0204	0286	0367	0449	
64	727	0530	0612	0693	0774	0859	0937	1019	1100	1161	1263
85	1344	1426	1507	1685	1870	1751	1833	1914	1995	2077	
65	2158	2240	2321	2402	2484	2565	2647	2725	2809	2891	
67	2972	3056	3135	3216	3298	3379	3460	3542	3623	3704	
68	3786	3867	3948	4030	4111	4192	4274	4355	4437	4518	
69	4599	4661	4762	4843	4925	8006	5087	5189	5250	5331	
40	5415	5494	8576	5657	5736	5819	5901	5982	5063	6144	
5341	5225	6307	5366	6470	9561	6532	5714	8795	8876	6958	
42	7039	7120	7201	7283	7364	7445	7527	7608	7689	7770	
43	7852	7933	6014	8096	8177	8258	8339	8421	8502	8583	
44	8664	8746	5827	8909	8990	9071	9152	9233	9315	9396	
45	9477	9558	9640	9721	9802	9883	9965	0046	0127	0208	
46	728	0290	0371	0452	0533	0614	0695	0777	0855	0939	1021
47	1102	1183	1264	1345	1427	1508	1589	1670	1751	1832	
48	1914	1995	2076	2158	2239	2320	2401	2482	2564	2645	
49	2726	2807	2886	2970	3051	3132	3213	3294	3375	3457	
6350	8536	8619	8700	8781	5883	8944	4025	4106	4187	4255	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5350	728 3538	3619	3700	3781	3863	3944	4025	4106	4187	4268	
51	4350	4431	4512	4593	4674	4755	4836	4918	4999	5080	
52	5161	5242	5323	5404	5486	5567	5648	5729	5810	5891	
53	5972	6054	6135	6216	6297	6378	6459	6540	6621	6703	
54	6784	6865	6946	7027	7108	7189	7270	7351	7433	7514	
55	7595	7676	7757	7838	7919	8000	8081	8162	8244	8325	
56	8406	8487	8568	8649	8730	8811	8892	8973	9054	9135	
57	9216	9298	9379	9460	9541	9622	9703	9784	9865	9946	
58	729 0027	0108	0189	0270	0351	0432	0513	0594	0675	0757	
59	0838	0919	1000	1081	1162	1243	1324	1405	1486	1567	
60	1648	1729	1810	1891	1972	2053	2134	2215	2296	2377	
5361	2458	2539	2620	2701	2782	2863	2944	3025	3106	3187	
62	3268	3349	3430	3511	3592	3673	3754	3835	3916	3997	
63	4078	4159	4240	4321	4402	4483	4564	4645	4726	4807	
64	4888	4969	5050	5131	5212	5292	5373	5454	5535	5616	
65	5697	5778	5859	5940	6021	6102	6183	6264	6345	6426	
66	6507	6588	6669	6749	6830	6911	6992	7073	7154	7235	
67	7316	7397	7478	7559	7640	7721	7801	7882	7963	8044	
68	8125	8206	8287	8368	8449	8530	8610	8691	8772	8853	
69	8934	9015	9096	9177	9258	9338	9419	9500	9581	9662	
70	9743	9824	9905	9986	0066	0147	0228	0309	0390	0471	81
5371	780 0552	0632	0713	0794	0875	0956	1037	1118	1198	1279	1 8
72	1360	1441	1522	1603	1683	1764	1845	1926	2007	2088	2 16
73	2168	2249	2330	2411	2492	2573	2653	2734	2815	2896	3 24
74	2977	3057	3138	3219	3300	3381	3461	3542	3623	3704	4 32
75	3785	3865	3946	4027	4108	4189	4269	4350	4431	4512	5 41
76	4593	4673	4754	4835	4916	4997	5077	5158	5239	5320	6 49
77	5400	5481	5562	5643	5723	5804	5885	5966	6046	6127	7 57
78	6208	6289	6369	6450	6531	6612	6692	6773	6854	6935	8 65
79	7015	7096	7177	7258	7338	7419	7500	7581	7661	7742	9 73
80	7823	7903	7984	8065	8146	8226	8307	8388	8468	8549	
5381	8630	8711	8791	8872	8953	9033	9114	9195	9276	9356	
82	9437	9518	9598	9679	9760	9840	9921	0002	0082	0163	
83	731 0244	0324	0405	0486	0567	0647	0728	0809	0889	0970	
84	1051	1131	1212	1292	1373	1454	1534	1615	1696	1776	
85	1857	1938	2018	2099	2180	2260	2341	2422	2502	2583	
86	2663	2744	2825	2905	2986	3067	3147	3228	3309	3389	
87	3470	3550	3631	3712	3792	3873	3953	4034	4115	4195	
88	4276	4356	4437	4518	4598	4679	4759	4840	4921	5001	
89	5082	5162	5243	5324	5404	5485	5565	5646	5727	5807	
90	5888	5968	6049	6129	6210	6291	6371	6452	6532	6613	
5391	6693	6774	6854	6935	7016	7096	7177	7257	7338	7418	
92	7499	7579	7660	7740	7821	7902	7982	8063	8143	8224	
93	8304	8385	8465	8546	8626	8707	8787	8868	8948	9029	
94	9109	9190	9270	9351	9431	9512	9592	9673	9753	9834	
95	9914	9995	0075	0156	0236	0317	0397	0478	0558	0639	
96	732 0719	0800	0880	0961	1041	1122	1203	1283	1363	1444	
97	1524	1605	1685	1766	1846	1927	2007	2087	2168	2248	
98	2329	2409	2490	2570	2651	2731	2812	2892	2972	3053	
99	3133	3214	3294	3375	3455	3535	3616	3696	3777	3857	
5400	3938	4018	4098	4179	4259	4340	4420	4501	4581	4661	

No.	0	1	2	3	4	5	6	7	8	9	Dist.
5400	732	3938	4018	4098	4179	4259	4340	4420	4501	4581	4651
01	4742	4822	4903	4983	5063	5144	5224	5305	5385	5455	
02	5546	5626	5707	5787	5867	5948	6028	6109	6189	6269	
03	8350	5430	5510	5591	5671	5752	5832	5912	6993	7073	
04	7153	7234	7314	7394	7478	7555	7535	7715	7796	7877	
05	7957	8037	8118	8198	8278	8359	8439	8519	8500	8580	
08	8750	8841	8921	9001	9082	9182	9242	9323	9403	9483	
07	9554	9544	9724	9805	9888	9965	0046	0126	0206	0287	
753	0357	0447	0527	0608	0688	0788	0849	0929	1009	1090	
09	1170	1250	1330	1411	1491	1571	1652	1732	1812	1892	
10	1973	2053	2133	2218	2294	2374	2454	2535	2615	2695	
5411	2775	2858	2935	3018	3098	3177	3257	3337	3417	3498	
12	3578	3558	3735	3819	3899	3979	4059	4140	4220	4300	
13	4380	4461	4541	4621	4701	4781	4862	4942	5022	5102	
14	5183	5263	5343	5423	5503	5584	5564	5744	5824	5904	
15	5985	5065	5145	5225	5305	5385	5465	5548	5625	5705	
18	5787	5887	5947	7017	7107	7187	7258	7345	7428	7508	
17	7588	7669	7749	7829	7909	7989	8069	8150	8230	8310	
18	8390	8470	8550	8630	8711	8791	8871	8951	9031	9111	
19	9192	8272	9352	8432	9512	9592	8672	9752	9833	9913	
20	9993	0073	0153	0233	0313	0393	0474	0554	0634	0714	
5421	734	0794	0874	0954	1034	1118	1195	1278	1355	1435	1515
22	1595	1875	1755	1835	1918	1998	2078	2158	2238	2318	
23	2398	2478	2558	2638	2718	2798	2877	2957	3037	3117	
24	5197	3277	3357	3437	3517	3597	3677	3757	3837	3917	
25	8997	4077	4158	4238	4318	4398	4478	4558	4638	4718	
28	4798	4878	4958	5038	5118	5198	5278	5358	5438	5518	
27	5598	5678	5758	5838	5918	5998	6078	6158	6238	6318	
28	6388	6478	6558	6638	6718	6798	6878	6958	7038	7118	
28	7198	7278	7358	7438	7518	7598	7678	7758	7838	7918	
30	7998	8078	8158	8238	8318	8398	8478	8558	8638	8718	
8431	8798	8878	8958	9038	9118	9198	9275	9358	9438	9518	
82	9598	9678	9758	9837	9917	9987	0077	0157	0237	0317	
33	735	0397	0477	0557	0637	0717	0797	0877	0957	1038	1115
34	1196	1278	1358	1438	1518	1598	1576	1755	1838	1918	
35	1995	2075	2155	2235	2315	2395	2475	2555	2635	2715	
36	2794	2874	2954	3034	3114	3194	3274	3354	3434	3513	
37	3593	3678	3753	3833	3913	3993	4073	4152	4232	4312	
38	4392	4472	4552	4632	4711	4791	4871	4951	5031	5111	
39	5191	5270	5350	5430	5510	5590	5670	5749	5829	5909	
40	5989	8069	5149	5228	5308	6388	5468	5548	5628	5707	
5441	8787	6857	5947	7027	7107	7188	7265	7345	7428	7505	
42	7585	7585	7745	7825	7905	7954	8064	8144	8224	8304	
43	8383	8453	8543	8623	8703	8782	8862	8942	9022	9101	
44	9181	9261	9341	9420	9500	9580	9680	9740	9819	9899	
45	9979	0059	0138	0218	0298	0378	0457	0537	0617	0697	
45	736	0775	0855	0935	1018	1095	1175	1255	1335	1414	1494
47	1574	1653	1733	1813	1893	1972	2052	2132	2212	2291	
48	2371	2451	2530	2610	2690	2770	2849	2929	3009	3088	
49	3158	3248	3327	3407	3487	3557	3646	3725	3805	3885	
5450	3965	4045	4124	4204	4284	4363	4448	4523	4602	4682	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5450	736	3065	4045	4124	4204	4284	4363	4443	4523	4602	4682
51	4762	4841	4921	5001	5080	5160	5240	5319	5399	5479	
52	5558	5638	5718	5797	5877	5957	6036	6116	6196	6276	
53	6355	6435	6514	6594	6674	6753	6833	6912	6992	7072	
54	7151	7231	7311	7390	7470	7549	7629	7709	7788	7868	
55	7948	8027	8107	8186	8266	8346	8425	8505	8584	8664	
56	8744	8823	8903	8982	9062	9142	9221	9301	9380	9460	
57	9540	9619	9699	9778	9858	9937	0017	0097	0176	0256	
58	737	0335	0415	0494	0574	0654	0733	0813	0892	0972	1051
59	1131	1210	1290	1370	1449	1529	1608	1688	1767	1847	
60	1926	2006	2086	2165	2245	2324	2404	2483	2563	2642	
5461	2722	2801	2881	2960	3040	3119	3199	3278	3358	3437	
62	3517	3596	3676	3755	3835	3914	3994	4074	4153	4233	
63	4312	4392	4471	4550	4630	4709	4789	4868	4948	5027	
64	5107	5186	5266	5345	5425	5504	5584	5663	5743	5822	
65	5902	5981	6061	6140	6220	6299	6378	6458	6537	6617	
66	6696	6776	6855	6935	7014	7094	7173	7252	7332	7411	
67	7491	7570	7650	7729	7808	7888	7967	8047	8126	8206	
68	8285	8364	8444	8523	8603	8682	8762	8841	8920	9000	
69	9079	9159	9238	9317	9397	9476	9556	9635	9714	9794	
70	9873	9953	0032	0111	0191	0270	0350	0429	0508	0588	
5471	738	0667	0747	0826	0905	0985	1064	1143	1223	1302	1382
72	1461	1540	1620	1699	1778	1858	1937	2016	2096	2175	
73	2254	2334	2413	2493	2572	2651	2731	2810	2889	2969	
74	3048	3127	3207	3286	3365	3445	3524	3603	3683	3762	
75	3841	3921	4000	4079	4159	4238	4317	4396	4476	4555	
76	4634	4714	4793	4872	4952	5031	5110	5190	5269	5348	
77	5427	5507	5586	5665	5745	5824	5903	5982	6062	6141	
78	6220	6300	6379	6458	6537	6617	6696	6775	6854	6934	
79	7013	7092	7172	7251	7330	7409	7489	7568	7647	7726	
80	7806	7885	7964	8043	8123	8202	8281	8360	8440	8519	
5481	8593	8677	8756	8836	8915	8994	9073	9153	9232	9311	
82	9390	9470	9549	9628	9707	9786	9866	9945	0024	0103	
83	739	0182	0262	0341	0420	0499	0578	0658	0737	0816	0895
84	0974	1054	1133	1212	1291	1370	1450	1529	1608	1687	
85	1766	1845	1925	2004	2083	2162	2241	2321	2400	2479	
86	2558	2637	2716	2796	2875	2954	3033	3112	3191	3270	
87	3350	3429	3508	3587	3666	3745	3824	3904	3983	4062	
88	4141	4220	4299	4378	4458	4537	4616	4695	4774	4853	
89	4932	5011	5091	5170	5249	5328	5407	5486	5565	5644	
90	5723	5803	5882	5961	6040	6119	6198	6277	6356	6435	
5491	6514	6594	6673	6752	6831	6910	6989	7068	7147	7226	
92	7305	7384	7463	7543	7622	7701	7780	7859	7938	8017	
93	8096	8175	8254	8333	8412	8491	8570	8649	8728	8808	
94	8887	8966	9045	9124	9203	9282	9361	9440	9519	9598	
95	9677	9756	9835	9914	9993	0072	0151	0230	0309	0388	
96	740	0467	0546	0625	0704	0783	0862	0941	1020	1099	1178
97	1257	1336	1415	1494	1573	1652	1731	1810	1889	1968	
98	2047	2126	2205	2284	2363	2442	2521	2600	2679	2758	
99	2837	2916	2995	3074	3153	3232	3311	3390	3469	3548	
5500	3627	3706	3785	3864	3943	4022	4101	4180	4259	4338	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5500	7403627	3706	5785	5664	3943	4022	4101	4180	4259	4338	
01	4416	4495	4574	4653	4732	4811	4890	4969	5048	5127	
02	5206	5285	5364	5443	5522	5601	5679	5758	5837	5916	
03	5995	6074	6153	6232	6311	6390	6469	6548	6626	6705	
04	6784	6863	6942	7021	7100	7179	7258	7337	7416	7494	
05	7573	7652	7731	7810	7889	7968	8047	8125	8204	8283	
06	8362	8441	8520	8599	8678	8756	8835	8914	8993	9072	
07	9151	9230	9308	9387	9466	9545	9624	9703	9782	9860	
08	9939	0018	0097	0176	0255	0334	0412	0491	0570	0649	
09	7410728	0807	0885	0964	1043	1122	1201	1280	1358	1437	
10	1516	1595	1674	1753	1831	1910	1989	2068	2146	2225	
5511	2304	2383	2462	2541	2619	2698	2777	2856	2935	3013	
12	3092	3171	3250	3328	3407	3486	3565	3644	3722	3801	
13	3880	3959	4037	4116	4195	4274	4353	4431	4510	4589	
14	4668	4746	4825	4904	4983	5061	5140	5219	5298	5376	
15	5455	5534	5613	5691	5770	5849	5928	6006	6085	6164	
16	6243	6321	6400	6479	6557	6636	6715	6794	6872	6951	
17	7030	7109	7187	7266	7345	7423	7502	7581	7660	7738	
18	7817	7896	7974	8053	8132	8210	8289	8368	8447	8525	
19	8604	8683	8761	8840	8919	8997	9076	9155	9233	9312	
20	9391	9469	9548	9627	9705	9784	9863	9941	0020	0099	
5521	7420177	0256	0335	0413	0492	0571	0649	0728	0807	0885	
22	0964	1043	1121	1200	1279	1357	1436	1515	1595	1672	
23	1750	1829	1908	1986	2065	2144	2222	2301	2379	2458	
24	2537	2615	2694	2773	2851	2930	3008	3087	3166	3244	
25	3323	3401	3480	3559	3637	3716	3794	3873	3952	4030	
26	4109	4187	4266	4345	4423	4502	4580	4659	4737	4816	
27	4895	4974	5052	5130	5209	5288	5366	5445	5523	5602	
28	5680	5759	5837	5916	5995	6073	6152	6230	6309	6387	
29	6468	6544	6623	6702	6780	6859	6937	7016	7094	7173	
30	7251	7330	7408	7487	7565	7644	7722	7801	7880	7958	
5531	6037	6115	6194	6272	6351	6429	6508	6586	6665	6743	
32	6822	6900	6979	7057	7136	7214	7293	7371	7450	7528	
33	7607	7685	7764	7842	7921	7999	8078	8156	8235	8313	
34	7430392	0470	0549	0627	0705	0784	0862	0941	1019	1098	
35	1176	1255	1333	1412	1490	1569	1647	1725	1804	1882	
36	1961	2039	2118	2196	2275	2353	2431	2510	2588	2667	
37	2745	2824	2902	2981	3059	3137	3216	3294	3373	3451	
38	3530	3608	3687	3765	3843	3922	4000	4078	4157	4235	
39	4314	4392	4470	4549	4627	4706	4784	4862	4941	5019	
40	5098	5176	5254	5333	5411	5490	5568	5646	5725	5803	
5541	5882	5960	6038	6117	6195	6273	6352	6430	6508	6587	
42	6665	6744	6822	6900	6979	7057	7135	7214	7292	7370	
43	7449	7527	7605	7684	7762	7841	7919	7997	8076	8154	
44	8232	8311	8389	8467	8546	8624	8702	8781	8859	8937	
45	9016	9094	9172	9250	9329	9407	9485	9564	9642	9720	
46	8789	8877	8955	9034	9112	9190	9268	9347	9425	9503	
47	7440582	0660	0738	0817	0895	0973	1051	1130	1208	1286	
48	1365	1443	1521	1599	1678	1756	1834	1912	1991	2069	
49	2147	2226	2304	2382	2460	2539	2617	2695	2773	2852	
5550	2930	3008	3086	3165	3243	3321	3399	3478	3556	3634	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5550	744	2930	3008	3086	3165	3243	3321	3399	3478	3556	3634
51	3712	3791	3869	3947	4025	4103	4182	4260	4338	4416	
52	4495	4573	4651	4729	4807	4886	4964	5042	5120	5199	
53	5377	5355	5433	5511	5590	5668	5746	5824	5902	5981	
54	6059	6137	6215	6293	6372	6450	6528	6606	6684	6762	
55	6841	6919	6997	7075	7153	7232	7310	7388	7466	7544	
56	7622	7701	7779	7857	7935	8013	8091	8170	8248	8326	
57	8404	8482	8560	8638	8717	8795	8873	8951	9029	9107	
58	9185	9264	9342	9420	9498	9576	9654	9732	9810	9889	
59	9967	0045	0123	0201	0279	0357	0435	0514	0592	0670	
60	745	0748	0826	0904	0982	1060	1138	1217	1295	1373	1451
5561	1529	1607	1685	1763	1841	1919	1998	2076	2154	2232	
62	2310	2388	2466	2544	2622	2700	2778	2856	2934	3013	
63	3091	3169	3247	3325	3403	3481	3559	3637	3715	3793	
64	3871	3949	4027	4105	4183	4261	4340	4418	4496	4574	
65	4652	4730	4808	4886	4964	5042	5120	5198	5276	5354	
66	5432	5510	5588	5666	5744	5822	5900	5978	6056	6134	
67	6212	6290	6368	6446	6524	6602	6680	6758	6836	6914	
68	6992	7070	7148	7226	7304	7382	7460	7538	7616	7694	
69	7772	7850	7928	8006	8084	8162	8240	8318	8396	8474	
70	8552	8630	8708	8786	8864	8942	9020	9098	9176	9254	
5571	9332	9410	9487	9565	9643	9721	9799	9877	9955	0033	
72	746	0111	0189	0267	0345	0423	0501	0579	0657	0735	0813
73	0890	0968	1046	1124	1202	1280	1358	1436	1514	1592	
74	1670	1748	1825	1903	1981	2059	2137	2215	2293	2371	
75	2449	2527	2605	2682	2760	2838	2916	2994	3072	3150	
76	3238	3306	3383	3461	3539	3617	3695	3773	3851	3929	
77	4006	4084	4162	4240	4318	4396	4474	4552	4629	4707	
78	4785	4863	4941	5019	5097	5174	5252	5330	5408	5486	
79	5564	5641	5719	5797	5875	5953	6031	6108	6186	6264	
80	6342	6420	6498	6575	6653	6731	6809	6887	6965	7042	
5581	7120	7198	7276	7354	7431	7509	7587	7665	7743	7821	
82	7898	7976	8054	8132	8210	8287	8365	8443	8521	8598	
83	8676	8754	8832	8910	8987	9065	9143	9221	9299	9376	
84	9454	9532	9610	9687	9765	9843	9921	9998	0076	0154	
85	747	0232	0310	0387	0465	0543	0621	0698	0776	0854	0932
86	1009	1087	1165	1243	1320	1398	1476	1554	1631	1709	
87	1787	1864	1942	2020	2098	2175	2253	2331	2409	2486	
88	2564	2642	2719	2797	2875	2953	3030	3108	3186	3263	
89	3341	3419	3497	3574	3652	3730	3807	3885	3963	4040	
90	4118	4196	4273	4351	4429	4507	4584	4662	4740	4817	
5591	4895	4973	5050	5128	5206	5283	5361	5439	5516	5594	
92	5672	5749	5827	5905	5982	6060	6138	6215	6293	6371	
93	6448	6526	6603	6681	6759	6836	6914	6992	7069	7147	
94	7225	7302	7380	7458	7535	7613	7690	7768	7846	7923	
95	8001	8079	8156	8234	8311	8389	8467	8544	8622	8699	
96	8777	8855	8932	9010	9087	9165	9243	9320	9398	9475	
97	9553	9631	9708	9786	9863	9941	0019	0096	0174	0251	
98	748	0329	0407	0484	0562	0639	0717	0794	0872	0950	1027
99	1105	1182	1260	1337	1415	1492	1570	1648	1725	1803	
5600	1880	1958	2035	2113	2190	2268	2346	2423	2501	2578	

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No	0	1	2	3	4	5	6	7	8	9	D.M.
5600	743	1880	1958	2035	2113	2190	2268	2348	2423	2501	2578
01		2656	2733	2811	2888	2966	3048	3121	3198	3276	3354
02		3431	3509	3586	3664	3741	3818	3896	3974	4051	4129
03		4206	4284	4361	4439	4516	4594	4671	4749	4826	4904
04		4981	5058	5138	5214	5291	5369	5448	5524	5601	5679
05		5758	5834	5911	5989	6068	6144	6221	6299	6376	6453
06		6531	6608	6686	6763	6841	6918	6998	7073	7151	7228
07		7306	7383	7460	7538	7616	7693	7770	7848	7925	8003
08		8080	8157	8235	8312	8390	8467	8545	8622	8700	8777
09		8854	8932	9009	9087	9164	9242	9318	9398	9474	9551
10		8629	9708	9783	9881	9938	0016	0093	0170	0248	0325
5611	749	0403	0480	0557	0635	0712	0790	0867	0944	1022	1099
12		1177	1254	1331	1409	1488	1564	1641	1718	1796	1875
13		1850	2028	2105	2183	2260	2337	2415	2492	2568	2647
14		2724	2801	2879	2956	3034	3111	3188	3266	3343	3420
15		3498	3575	3652	3729	3807	3884	3962	4039	4116	4194
18		4271	4348	4426	4503	4580	4658	4735	4812	4890	4967
17		5044	5122	5199	5278	5353	5431	5508	5585	5663	5740
18		5817	5895	5972	6049	6127	6204	6281	6358	6436	6513
19		6590	6668	6745	6822	6899	6977	7054	7131	7209	7286
20		7363	7440	7518	7595	7672	7750	7827	7904	7981	8059
5621		8136	8213	8290	8368	8445	8522	8599	8677	8754	8831
22		8908	8986	9063	9140	9217	9295	9372	9449	9526	9604
23		9681	9758	9835	9913	9990	0067	0144	0221	0299	0376
24	750	0433	0530	0608	0685	0769	0839	0916	0994	1071	1148
26		1225	1302	1380	1457	1534	1611	1688	1766	1843	1920
26		1997	2074	2152	2229	2306	2383	2460	2538	2616	2692
27		2789	2846	2924	3001	3078	3155	3232	3309	3387	3464
28		3541	3618	3693	3772	3850	3927	4004	4081	4158	4235
29		4312	4390	4467	4544	4621	4698	4775	4853	4930	5007
30		5084	5161	5238	5316	5392	5470	5547	5624	5701	5778
6631		5855	5932	6010	6087	6164	6241	6318	6395	6472	6549
52		6628	6704	6781	6858	6935	7012	7089	7166	7243	7320
33		7398	7476	7552	7629	7706	7783	7860	7937	8014	8091
34		8168	8248	8323	8400	8477	8554	8631	8708	8785	8862
35		8939	9016	9093	9170	9247	9325	9409	9479	9556	9633
38		9710	9787	9864	9941	0018	0095	0172	0249	0326	0403
37	751	0480	0557	0634	0711	0789	0868	0943	1020	1097	1174
38		1251	1328	1405	1482	1559	1638	1713	1790	1867	1944
39		2021	2098	2175	2252	2329	2408	2483	2560	2637	2714
40		2791	2868	2945	3022	3099	3178	3253	3330	3407	3484
5841		3561	3638	3715	3799	3869	3946	4093	4100	4177	4254
42		4331	4408	4485	4562	4639	4716	4793	4870	4947	5024
43		5101	5177	5254	5331	5408	5485	5562	5639	5716	5793
44		5870	5947	6024	6101	6178	6255	6332	6409	6486	6563
45		6639	6716	6793	6870	6947	7024	7101	7178	7255	7332
46		7402	7478	7552	7629	7706	7783	7860	7937	8014	8091
47		8178	8255	8332	8409	8485	8562	8639	8718	8793	8870
48		8947	9024	9101	9178	9254	9331	9408	9485	9562	9639
49		9716	9793	9870	9946	0023	0100	0177	0254	0331	0408
5650	762	0484	0561	0638	0715	0792	0862	0946	1023	1099	1176

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5650	752 0484	0561	0638	0715	0792	0869	0946	1023	1099	1176	
51	1253	1330	1407	1484	1560	1637	1714	1791	1868	1945	
52	2022	2098	2175	2252	2329	2406	2483	2559	2636	2713	
53	2790	2867	2944	3020	3097	3174	3251	3328	3404	3481	
54	3558	3635	3712	3788	3865	3942	4019	4096	4172	4249	
55	4326	4403	4480	4556	4633	4710	4787	4864	4940	5017	
56	5094	5171	5248	5324	5401	5478	5555	5631	5708	5785	
57	5862	5939	6015	6092	6169	6246	6322	6399	6476	6553	
58	6629	6706	6783	6860	6936	7013	7090	7167	7243	7320	
59	7397	7474	7550	7627	7704	7781	7857	7934	8011	8088	
60	8164	8241	8318	8394	8471	8548	8625	8701	8778	8855	
5661	8932	9008	9085	9162	9238	9315	9392	9469	9545	9622	
62	9699	9775	9852	9929	0005	0082	0159	0236	0312	0389	
63	753 0466	0542	0619	0696	0772	0849	0926	1002	1079	1156	
64	1232	1309	1386	1462	1539	1616	1692	1769	1846	1922	
65	1999	2076	2152	2229	2306	2382	2459	2536	2612	2689	
66	2766	2842	2919	2996	3072	3149	3226	3302	3379	3455	
67	3532	3609	3685	3762	3839	3915	3992	4069	4145	4222	
68	4298	4375	4452	4528	4605	4682	4758	4835	4911	4988	
69	5065	5141	5218	5294	5371	5448	5524	5601	5677	5754	
70	5831	5907	5984	6060	6137	6214	6290	6367	6443	6520	
5671	6596	6673	6750	6826	6903	6979	7056	7133	7209	7286	77
72	7362	7439	7515	7592	7668	7745	7822	7898	7975	8051	1 8
73	8128	8204	8281	8357	8434	8511	8587	8664	8740	8817	2 15
74	8893	8970	9046	9123	9199	9276	9353	9429	9506	9582	3 23
75	9659	9735	9812	9888	9965	0041	0118	0194	0271	0347	4 31
76	754 0424	0500	0577	0653	0730	0806	0883	0959	1036	1112	5 39
77	1189	1265	1342	1418	1495	1571	1648	1724	1801	1877	6 46
78	1954	2030	2107	2183	2260	2336	2413	2489	2566	2642	7 54
79	2719	2795	2872	2948	3025	3101	3178	3254	3330	3407	8 62
80	3483	3560	3636	3713	3789	3866	3942	4019	4095	4171	9 69
5681	4248	4324	4401	4477	4554	4630	4707	4783	4859	4936	
82	5012	5089	5165	5242	5318	5394	5471	5547	5624	5700	
83	5777	5853	5929	6006	6083	6159	6235	6311	6388	6464	
84	6541	6617	6694	6770	6846	6923	6999	7076	7152	7228	
85	7305	7381	7457	7534	7610	7687	7763	7839	7916	7992	
86	8069	8145	8221	8298	8374	8450	8527	8603	8680	8756	
87	8832	8909	8985	9061	9138	9214	9290	9367	9443	9520	
88	9596	9672	9749	9825	9901	9978	0054	0130	0207	0283	
89	755 0359	0436	0512	0588	0665	0741	0817	0894	0970	1046	
90	1123	1199	1276	1352	1428	1504	1581	1657	1733	1810	
5691	1886	1962	2038	2115	2191	2267	2344	2420	2496	2573	
92	2649	2725	2802	2878	2954	3030	3107	3183	3259	3336	
93	3412	3488	3564	3641	3717	3793	3870	3946	4022	4098	
94	4175	4251	4327	4403	4480	4556	4632	4709	4785	4861	
95	4937	5014	5090	5166	5242	5319	5395	5471	5547	5624	
96	5700	5776	5852	5929	6005	6081	6157	6233	6310	6386	
97	6462	6538	6615	6691	6767	6843	6920	6996	7072	7148	
98	7224	7301	7377	7453	7529	7606	7682	7758	7834	7910	
99	7987	8063	8139	8215	8291	8368	8444	8520	8596	8672	
5700	8749	8825	8901	8977	9053	9130	9206	9282	9358	9434	

No.	0	1	2	3	4	5	6	7	8	9	D.M.
6700	7558749	8825	8901	8977	9053	9130	9206	9282	9358	9434	
01	9510	9587	9663	9739	9815	9891	9967	0044	0120	0196	
02	7560272	0348	0424	0501	0577	0653	0729	0805	0881	0958	
03	1034	1110	1186	1262	1638	1414	1491	1567	1643	1719	
04	1795	1871	1947	2024	2100	2176	2252	2328	2404	2480	
05	2556	2633	2709	2785	2861	2937	3013	3089	3165	3242	
06	3318	3394	3470	3546	3622	3698	3774	3850	3927	4003	
07	4079	4155	4231	4307	4383	4459	4535	4611	4687	4764	
08	4840	4916	4992	5068	5144	5220	5296	5373	5448	5524	
09	5600	5677	5753	5829	5905	5981	6057	6133	6209	6285	
10	6361	6437	6513	6589	6665	6741	6817	6893	6970	7046	
6711	7122	7198	7274	7350	7426	7502	7578	7654	7730	7806	
12	7882	7958	8034	8110	8186	8262	8338	8414	8490	8566	
13	8642	8718	8794	8870	8946	9022	9098	9174	9250	9326	
14	9402	9478	9554	9630	9706	9782	9858	9934	0010	0086	
15	7570162	0238	0314	0390	0466	0542	0618	0694	0770	0846	
16	0922	0998	1074	1150	1226	1302	1378	1454	1530	1606	
17	1682	1758	1834	1910	1986	2062	2138	2214	2290	2366	
18	2442	2517	2593	2669	2746	2821	2897	2973	3049	3125	
19	3201	3277	3353	3429	3505	3581	3657	3733	3808	3884	
20	3960	4036	4112	4188	4264	4340	4416	4492	4568	4644	
3721	4719	4795	4871	4947	5023	5099	5176	5251	5327	5403	
22	5479	5554	5630	5706	5782	5858	5934	6010	6086	6162	
23	6237	6313	6389	6465	6541	6617	6693	6769	6845	6920	
24	6996	7072	7148	7224	7300	7376	7451	7527	7603	7679	
25	7755	7831	7907	7982	8058	8134	8210	8286	8362	8438	
26	8513	8589	8665	8741	8817	8893	8968	9044	9120	9196	
27	9272	9348	9423	9499	9575	9651	9727	9803	9878	9954	
28	7580030	0106	0182	0258	0334	0409	0485	0561	0637	0713	
29	0788	0864	0940	1016	1091	1167	1243	1319	1395	1470	
30	1646	1622	1696	1774	1849	1925	2001	2077	2153	2228	
6731	2304	2360	2456	2531	2607	2683	2759	2835	2910	2986	
32	3052	3138	3213	3269	3365	3441	3516	3592	3668	3744	
33	3819	3895	3971	4047	4122	4198	4274	4350	4425	4501	
34	4577	4653	4726	4804	4860	4958	5031	6107	5183	5258	
35	5334	6410	6486	6561	6637	5713	6789	5864	6940	6016	
36	6091	8167	6243	6319	6394	6470	6546	6821	6697	6773	
37	6848	8924	7000	7076	7161	7227	7303	7378	7454	7530	
38	7605	7681	7757	7832	7908	7984	8060	8135	8211	8287	
39	8362	8438	8514	8589	8665	8741	8816	8892	8968	9043	
40	9119	9195	9270	9346	9422	9497	9573	9649	9724	9800	
5741	9875	9951	0027	0102	0178	0254	0329	0405	0481	0556	
42	7590632	0708	0783	0859	0934	1010	1086	1161	1237	1313	
43	1389	1464	1539	1616	1691	1766	1842	1917	1993	2069	
44	2144	2220	2296	2371	2447	2522	2598	2674	2749	2825	
45	2900	2976	3052	3127	3203	3278	3354	3429	3505	3581	
46	3656	3732	3807	3883	3959	4034	4110	4185	4261	4336	
47	4412	4488	4563	4639	4714	4790	4865	4941	5016	5092	
48	5168	5243	5319	5394	5470	5545	5621	5696	5772	5848	
49	5923	5999	6074	6150	6225	6301	6376	6452	6527	6603	
6750	6678	6754	6830	6905	6961	7056	7132	7207	7286	7658	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5750	750 6678	6754	6830	6905	6981	7056	7132	7207	7283	7358	
51	7434	7509	7585	7660	7736	7811	7887	7962	8038	8113	
52	8189	8264	8340	8415	8491	8566	8642	8717	8793	8868	
53	8944	9019	9095	9170	9246	9321	9397	9472	9548	9623	
54	9699	9774	9850	9925	0000	0076	0151	0227	0302	0378	
55	760 0453	0529	0604	0680	0755	0831	0906	0981	1057	1132	
56	1208	1283	1359	1434	1510	1585	1661	1736	1811	1887	
57	1962	2038	2113	2189	2264	2339	2415	2490	2566	2641	
58	2717	2792	2867	2943	3018	3094	3169	3245	3320	3395	
59	3471	3546	3622	3697	3772	3848	3923	3999	4074	4149	
60	4225	4300	4376	4451	4526	4602	4677	4753	4828	4903	
5761	4979	5054	5130	5205	5280	5356	5431	5506	5582	5657	
62	5733	5808	5883	5959	6034	6109	6185	6260	6335	6411	
63	6486	6562	6637	6712	6788	6863	6938	7014	7089	7164	
64	7240	7315	7390	7466	7541	7616	7692	7767	7842	7918	
65	7993	8068	8144	8219	8294	8370	8445	8520	8596	8671	
66	8746	8822	8897	8973	9048	9123	9198	9274	9349	9424	
67	9500	9575	9650	9725	9801	9876	9951	0027	0102	0177	
68	761 0253	0328	0403	0478	0554	0629	0704	0780	0855	0930	
69	1005	1081	1156	1231	1307	1382	1457	1532	1608	1683	
70	1758	1833	1909	1984	2059	2134	2210	2285	2360	2435	
5771	2511	2586	2661	2737	2812	2887	2962	3037	3113	3188	
72	3263	3338	3414	3489	3564	3639	3715	3790	3865	3940	
73	4016	4091	4166	4241	4316	4392	4467	4542	4617	4693	
74	4768	4843	4918	4993	5069	5144	5219	5294	5369	5445	
75	5520	5595	5670	5745	5821	5896	5971	6046	6121	6197	
76	6272	6347	6422	6497	6573	6648	6723	6798	6873	6948	
77	7024	7099	7174	7249	7324	7400	7475	7550	7625	7700	
78	7775	7851	7926	8001	8076	8151	8226	8301	8377	8452	
79	8527	8602	8677	8752	8828	8903	8978	9053	9128	9203	
80	9278	9354	9429	9504	9579	9654	9729	9804	9879	9955	
5781	762 0030	0105	0180	0255	0330	0405	0480	0556	0631	0706	
82	0781	0856	0931	1006	1081	1156	1232	1307	1382	1457	
83	1532	1607	1682	1757	1832	1907	1982	2058	2133	2208	
84	2283	2358	2433	2508	2583	2658	2733	2808	2883	2959	
85	3034	3109	3184	3259	3334	3409	3484	3559	3634	3709	
86	3784	3859	3934	4009	4085	4160	4235	4310	4385	4460	
87	4635	4610	4685	4760	4835	4910	4985	5060	5135	5210	
88	5285	5360	5435	5510	5585	5660	5735	5810	5885	5960	
89	6035	6111	6186	6261	6336	6411	6486	6561	6636	6711	
90	6786	6861	6936	7011	7086	7161	7236	7311	7386	7461	
5791	7536	7611	7686	7761	7836	7911	7986	8061	8136	8211	
92	8286	8361	8435	8510	8585	8660	8735	8810	8885	8960	
93	9035	9110	9185	9260	9335	9410	9485	9560	9635	9710	
94	9785	9860	9935	0010	0085	0160	0235	0310	0385	0459	
95	763 0534	0609	0684	0759	0834	0909	0984	1059	1134	1209	
96	1284	1359	1434	1509	1583	1658	1733	1808	1883	1958	
97	2033	2108	2183	2258	2333	2408	2482	2557	2632	2707	
98	2782	2857	2932	3007	3082	3157	3232	3306	3381	3456	
99	3531	3606	3681	3756	3831	3906	3980	4055	4130	4205	
5800	4280	4355	4430	4505	4579	4654	4729	4804	4879	4954	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
5850	767	1559	1633	1707	1781	1856	1930	2004	2078	2153	2227
51	2301	2375	2449	2524	2598	2672	2746	2821	2895	2969	
52	3043	3117	3192	3266	3340	3414	3488	3563	3637	3711	
53	3785	3859	3934	4008	4082	4156	4230	4305	4379	4453	
54	4627	4601	4676	4750	4824	4898	4972	5046	5121	5195	
55	5269	5343	5417	5492	5566	5640	5714	5788	5862	5937	
56	6011	6085	6159	6233	6307	6381	6456	6530	6604	6678	
57	6752	6826	6901	6975	7049	7123	7197	7271	7345	7420	
58	7494	7568	7642	7716	7790	7864	7938	8013	8087	8161	
59	8235	8309	8383	8457	8531	8606	8680	8754	8828	8902	
60	8976	9050	9124	9198	9273	9347	9421	9495	9569	9643	
5861	9717	9791	9865	9940	0014	0088	0162	0236	0310	0384	
62	768	0458	0532	0606	0680	0754	0829	0903	0977	1051	1125
63	1109	1273	1347	1421	1495	1569	1643	1717	1791	1866	
64	1940	2014	2088	2162	2236	2310	2384	2458	2532	2606	
65	2680	2754	2828	2902	2976	3050	3124	3198	3273	3347	
66	8421	3495	3569	3643	3717	3791	3865	3939	4013	4087	
67	4161	4235	4309	4383	4457	4531	4605	4679	4753	4827	
68	4901	4975	5049	5123	5197	5271	5345	5419	5493	5567	
69	5641	5715	5789	5863	5937	6011	6085	6159	6233	6307	
70	6381	6455	6529	6603	6677	6751	6825	6899	6973	7047	
5871	7121	7195	7269	7343	7417	7491	7565	7639	7713	7787	74
72	7860	7934	8008	8082	8156	8230	8304	8378	8452	8526	1 7
73	8600	8674	8748	8822	8896	8970	9044	9118	9192	9266	2 15
74	9330	9413	9487	9561	9635	9709	9783	9857	9931	0005	3 22
75	769	0079	0153	0227	0300	0374	0448	0522	0596	0670	4 30
76	0818	0892	0966	1040	1114	1187	1261	1335	1409	1483	5 37
77	1557	1631	1705	1779	1852	1926	2000	2074	2148	2222	6 44
78	2296	2370	2444	2517	2591	2665	2739	2813	2887	2961	7 52
79	3035	3108	3182	3256	3330	3404	3478	3552	3626	3699	8 59
80	3773	3847	3921	3995	4069	4143	4216	4290	4364	4438	9 67
5881	4512	4586	4659	4733	4807	4881	4955	5029	5103	5176	
82	5250	5324	5398	5472	5546	5619	5693	5767	5841	5915	
83	5988	6062	6136	6210	6284	6358	6431	6505	6579	6653	
84	6727	6800	6874	6948	7022	7096	7169	7243	7317	7391	
85	7465	7538	7612	7686	7760	7834	7907	7981	8055	8129	
86	8203	8276	8350	8424	8498	8571	8645	8719	8793	8867	
87	8940	9014	9088	9162	9235	9309	9383	9457	9530	9604	
88	9678	9752	9826	9899	9973	0047	0121	0194	0268	0342	
89	770	0416	0489	0563	0637	0711	0784	0858	0932	1005	1079
90	1153	1227	1300	1374	1448	1522	1595	1669	1743	1817	
5891	1890	1964	2038	2111	2185	2259	2333	2406	2480	2554	
92	2627	2701	2775	2849	2922	2996	3070	3143	3217	3291	
93	3364	3438	3512	3585	3659	3733	3807	3880	3954	4028	
94	4101	4175	4249	4322	4396	4470	4543	4617	4691	4764	
95	4838	4912	4985	5059	5133	5206	5280	5354	5427	5501	
96	5575	5648	5722	5796	5869	5943	6017	6090	6164	6238	
97	6311	6385	6459	6532	6606	6679	6753	6827	6900	6974	
98	7048	7121	7195	7269	7342	7416	7489	7563	7637	7710	
99	7784	7858	7931	8005	8078	8152	8226	8299	8373	8447	
5900	8520	8594	8667	8741	8815	8888	8962	9035	9109	9183	

No.	0	1	2	3	4	5	6	7	8	9	Infl.
6900	770	8520	8594	8667	8741	8816	8886	8962	9035	9109	9163
01		9256	9330	9403	9477	9551	9624	9698	9771	9845	9918
02		9992	0066	0139	0213	0286	0360	0434	0507	0581	0654
03	771	0728	0801	0876	0349	1022	1096	1169	1243	1316	1390
04		1463	1537	1611	1684	1758	1831	1905	1978	2052	2125
05		2199	2273	2348	2420	2493	2567	2640	2714	2787	2861
06		2934	3008	3081	3155	3228	3302	3376	3449	3523	3596
07		3670	3743	3817	3890	3964	4037	4111	4184	4258	4331
08		4405	4478	4552	4625	4699	4772	4846	4919	4993	5066
09		5140	5213	5287	5360	5434	5507	5581	5654	5728	5801
10		5875	5948	6022	6095	6169	6242	6316	6389	6463	6536
6911		6610	6683	6757	6830	6903	6977	7050	7124	7197	7271
12		7344	7418	7491	7565	7638	7712	7785	7858	7932	8005
13		8079	8162	8228	8299	8373	8446	8519	8593	8666	8740
14		8813	8887	8960	9034	9107	9180	9254	9327	9401	9474
15		9547	9621	9694	9768	9841	9916	9988	0061	0135	0208
16	772	0282	0356	0428	0502	0575	0649	0722	0795	0869	0942
17		1016	1069	1162	1236	1309	1383	1456	1529	1603	1676
18		1750	1823	1896	1970	2043	2117	2190	2263	2337	2410
19		2483	2557	2630	2704	2777	2850	2924	2997	3070	3144
20		3217	3290	3364	3437	3510	3584	3657	3731	3804	3877
6921		3951	4024	4097	4171	4244	4317	4391	4464	4537	4611
22		4684	4757	4831	4904	4977	5051	5124	5197	5271	5344
23		5417	5491	5564	5637	5711	5784	5857	5931	6004	6077
24		6150	6224	6297	6370	6444	6517	6590	6664	6737	6810
25		6884	6957	7030	7103	7177	7250	7323	7397	7470	7543
26		7616	7690	7763	7836	7910	7983	8056	8129	8203	8276
27		8349	8423	8496	8569	8642	8716	8789	8862	8935	9009
28		9082	9155	9228	9302	9375	9448	9521	9595	9668	9741
29		9815	9888	9961	0034	0107	0181	0254	0327	0400	0474
30	773	0547	0620	0693	0767	0840	0913	0988	1060	1133	1206
6931		1279	1352	1426	1499	1572	1645	1719	1792	1865	1938
32		2011	2085	2158	2231	2304	2377	2451	2524	2597	2670
33		2743	2817	2890	2963	3036	3109	3183	3256	3329	3402
34		3475	3549	3622	3695	3768	3841	3915	3988	4061	4134
35		4207	4280	4354	4427	4500	4573	4646	4719	4793	4866
36		4939	5012	5085	5158	5232	5305	5378	5451	5524	5597
37		5670	5744	5817	5890	5963	6036	6109	6183	6256	6329
38		6402	6475	6548	6621	6694	6768	6841	6914	6987	7060
39		7133	7206	7280	7353	7426	7499	7572	7645	7718	7791
40		7864	7938	8011	8084	8157	8230	8303	8376	8449	8522
6941		8596	8669	8742	8815	8888	8961	9034	9107	9180	9253
42		9326	9400	9473	9546	9619	9692	9765	9838	9911	9984
43	774	0057	0130	0203	0277	0350	0423	0496	0569	0642	0715
44		0788	0861	0934	1007	1060	1153	1228	1299	1372	1446
45		1519	1592	1665	1738	1811	1884	1957	2030	2103	2176
46		2249	2322	2395	2468	2541	2614	2687	2760	2833	2906
47		2979	3052	3125	3198	3271	3345	3418	3491	3564	3637
48		3710	3783	3856	3929	4002	4075	4148	4221	4294	4367
49		4440	4513	4586	4659	4732	4805	4878	4951	5024	5097
6950		5170	5243	5316	5389	5462	5535	5608	5681	5754	5827

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5950	774	5170	5243	5316	5389	5462	5535	5608	5681	5754	5827
51	5900	5972	6045	6118	6191	6264	6337	6410	6483	6556	
52	6629	6702	6775	6848	6921	6994	7067	7140	7213	7286	
53	7359	7432	7505	7578	7651	7724	7797	7869	7942	8015	
54	8088	8161	8234	8307	8380	8453	8526	8599	8672	8745	
55	8818	8891	8964	9036	9109	9182	9255	9328	9401	9474	
56	9547	9620	9693	9766	9839	9911	9984	0057	0130	0203	
57	775	0276	0349	0422	0495	0568	0641	0713	0786	0859	0932
58	1005	1078	1151	1224	1297	1369	1442	1515	1588	1661	
59	1734	1807	1880	1952	2025	2098	2171	2244	2317	2390	
60	2463	2535	2608	2681	2754	2827	2900	2973	3046	3118	
5961	3191	3264	3337	3410	3483	3555	3628	3701	3774	3847	
62	3920	3993	4065	4138	4211	4284	4357	4430	4502	4575	
63	4648	4721	4794	4867	4939	5012	5085	5158	5231	5304	
64	5376	5449	5522	5595	5668	5740	5813	5886	5959	6032	
65	6104	6177	6250	6323	6396	6469	6541	6614	6687	6760	
66	6852	6905	6978	7051	7124	7196	7269	7342	7415	7488	
67	7560	7633	7706	7779	7851	7924	7997	8070	8143	8215	
68	8288	8361	8434	8506	8579	8652	8725	8798	8870	8943	
69	9016	9089	9161	9234	9307	9380	9452	9525	9598	9671	
70	9743	9816	9889	9962	0034	0107	0180	0253	0325	0398	
5971	776	0471	0543	0616	0689	0762	0834	0907	0980	1053	1125
72	1198	1271	1343	1416	1489	1562	1634	1707	1780	1852	
73	1925	1998	2071	2143	2216	2289	2361	2434	2507	2579	
74	2652	2725	2798	2870	2943	3016	3088	3161	3234	3306	
75	3379	3452	3524	3597	3670	3743	3816	3888	3961	4033	
76	4106	4179	4251	4324	4397	4469	4542	4615	4687	4760	
77	4833	4905	4978	5051	5123	5196	5269	5341	5414	5486	
78	5659	5632	5704	5777	5850	5922	5995	6068	6140	6213	
79	6286	6358	6431	6503	6576	6649	6721	6794	6867	6939	
80	7012	7084	7157	7230	7302	7375	7448	7520	7593	7665	
5981	7738	7811	7883	7956	8028	8101	8174	8246	8319	8391	
82	8464	8537	8609	8682	8754	8827	8900	8972	9045	9117	
83	9190	9263	9335	9408	9480	9553	9626	9698	9771	9843	
84	9916	9988	0061	0134	0206	0279	0351	0424	0496	0569	
85	777	0642	0714	0787	0859	0932	1004	1077	1149	1222	1295
86	1367	1440	1512	1585	1657	1730	1802	1875	1947	2020	
87	2093	2165	2238	2310	2383	2455	2528	2600	2673	2746	
88	2818	2890	2963	3035	3108	3181	3253	3326	3398	3471	
89	3543	3616	3688	3761	3833	3906	3978	4051	4123	4196	
90	4268	4341	4413	4486	4558	4631	4703	4776	4848	4921	
5991	4993	5066	5138	5211	5283	5356	5428	5501	5573	5646	
92	5718	5791	5863	5935	6008	6080	6153	6225	6298	6370	
93	6443	6515	6588	6660	6733	6805	6878	6950	7022	7095	
94	7167	7240	7312	7385	7457	7530	7602	7675	7747	7819	
95	7892	7964	8037	8109	8182	8254	8327	8399	8471	8544	
96	8616	8689	8761	8834	8906	8978	9051	9123	9196	9268	
97	9340	9413	9485	9558	9630	9703	9775	9847	9920	9992	
98	778	0065	0137	0209	0282	0354	0427	0499	0571	0644	0716
99	0789	0861	0933	1006	1078	1151	1223	1295	1368	1440	
6000	1513	1585	1657	1730	1802	1874	1947	2019	2092	2164	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6000	778	1513	1585	1657	1730	1802	1874	1947	2019	2092	2164
01	2236	2309	2381	2453	2526	2598	2670	2743	2815	2888	
02	2960	3032	3103	3177	3249	3322	3394	3466	3539	3611	
03	3683	3765	3828	3900	3973	4045	4117	4190	4262	4335	
04	4407	4479	4552	4624	4696	4758	4841	4913	4985	5058	
05	5130	5202	5275	5347	5419	5492	5564	5636	5709	5781	
06	5853	5926	5998	6070	6143	6215	6287	6359	6432	6504	
07	6576	6649	6721	6793	6866	6938	7010	7082	7155	7227	
08	7299	7372	7444	7516	7588	7661	7733	7805	7877	7950	
09	8022	8094	8167	8239	8311	8383	8456	8528	8600	8672	
10	8745	8817	8889	8962	9034	9106	9178	9251	9323	9395	
6011	9467	9540	9612	9684	9756	9829	9901	9973	0045	0117	
12	779	0180	0262	0334	0406	0479	0551	0623	0695	0768	0840
13	0912	0984	1056	1129	1201	1276	1345	1416	1480	1562	
14	1634	1706	1779	1851	1923	1995	2067	2140	2212	2284	
15	2355	2429	2501	2573	2643	2717	2790	2862	2934	3006	
16	3078	3150	3223	3295	3367	3439	3511	3584	3656	3728	
17	3800	3872	3944	4017	4089	4161	4233	4305	4377	4450	
18	4522	4594	4666	4738	4810	4883	4955	5027	5099	5171	
19	5243	5316	5388	5460	5532	5604	5676	5748	5821	5893	
20	5965	6037	6109	6181	6253	6325	6398	6470	6542	6614	
6021	6686	6758	6831	6903	6976	7047	7118	7191	7263	7335	
22	7403	7480	7552	7624	7686	7758	7840	7912	7984	8057	
23	8128	8201	8273	8346	8417	8489	8561	8638	8705	8778	
24	8850	8922	8984	9066	9136	9210	9282	9354	9426	9498	
25	9571	8643	9715	9787	9869	9931	0003	0075	0147	0219	
26	760	0291	0363	0435	0507	0580	0652	0724	0796	0868	
27	1019	1084	1156	1228	1300	1372	1444	1516	1588	1660	
28	1732	1804	1877	1949	2021	2093	2165	2237	2309	2381	
29	2453	2525	2597	2669	2741	2813	2885	2957	3029	3101	
30	3173	3245	3317	3389	3461	3533	3605	3677	3749	3821	
6031	3893	3965	4037	4109	4181	4253	4325	4397	4469	4541	
32	4613	4685	4757	4829	4901	4973	5045	5117	5189	5261	
33	5333	5405	5477	5549	5621	5693	5765	5837	5909	5981	
34	6053	6125	6197	6269	6341	6413	6485	6557	6629	6701	
35	6773	6845	6917	6989	7061	7133	7204	7276	7348	7420	
36	7492	7564	7636	7708	7780	7852	7924	7996	8068	8140	
37	8212	8284	8356	8428	8500	8571	8643	8715	8787	8859	
38	8931	9003	9075	9147	9219	9291	9363	9435	9506	9578	
39	9650	9722	9794	9866	9938	0010	0082	0154	0226	0297	
40	781	0369	0441	0513	0585	0657	0729	0801	0873	0945	
6041	1036	1108	1232	1304	1376	1448	1520	1592	1664	1736	
42	1807	1879	1951	2023	2095	2167	2239	2311	2383	2455	
43	2526	2598	2670	2742	2814	2886	2958	3029	3101	3173	
44	3245	3317	3389	3461	3533	3604	3676	3748	3819	3891	
45	3963	4035	4107	4179	4250	4322	4394	4466	4538	4610	
46	4681	4753	4825	4897	4969	5041	5112	5184	5256	5328	
47	5400	5472	5544	5616	5687	5759	5831	5902	5974	6046	
48	6118	6190	6261	6333	6405	6477	6549	6620	6692	6764	
49	6835	6908	6979	7051	7123	7195	7267	7338	7410	7482	
6050	7554	7626	7697	7769	7841	7913	7884	8056	8128	8200	

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6050	7817554	7620	7697	7769	7841	7913	7984	8056	8128	8200	
51	8272	8313	8416	8487	8559	8630	8702	8774	8846	8917	
52	8989	9061	9133	9204	9276	9348	9420	9491	9563	9635	
53	9707	9778	9850	9922	9994	0065	0137	0209	0281	0352	
54	7820424	0496	0568	0639	0711	0783	0855	0926	0998	1070	
55	1141	1213	1285	1357	1428	1500	1572	1644	1715	1787	
56	1859	1930	2002	2074	2146	2217	2289	2361	2432	2504	
57	2576	2647	2719	2791	2863	2934	3006	3078	3149	3221	
58	3293	3364	3436	3508	3579	3651	3723	3794	3866	3938	
59	4010	4081	4153	4225	4296	4368	4440	4511	4583	4655	
60	4726	4798	4870	4941	5013	5085	5156	5228	5300	5371	
6061	5443	5514	5586	5658	5729	5801	5873	5944	6016	6088	
62	6169	6231	6303	6374	6446	6518	6589	6661	6732	6804	
63	6876	6947	7019	7091	7162	7234	7305	7377	7449	7520	
64	7592	7664	7735	7807	7878	7950	8022	8093	8165	8236	
65	8308	8380	8451	8523	8594	8666	8738	8809	8881	8952	
66	9024	9096	9167	9239	9310	9382	9454	9525	9597	9668	
67	9740	9812	9883	9955	0026	0098	0169	0241	0313	0384	
68	7830456	0527	0599	0670	0742	0814	0885	0957	1028	1100	
69	1171	1243	1314	1386	1458	1529	1601	1672	1744	1815	
70	1887	1958	2030	2102	2173	2245	2316	2388	2459	2531	
6071	2602	2674	2745	2817	2888	2960	3032	3103	3175	3246	
72	3318	3389	3461	3532	3604	3675	3747	3818	3890	3961	
73	4033	4104	4176	4247	4319	4390	4462	4533	4605	4676	
74	4748	4819	4891	4962	5034	5105	5177	5248	5320	5391	
75	5463	5534	5606	5677	5749	5820	5892	5963	6035	6106	
76	6178	6249	6321	6392	6464	6535	6606	6678	6749	6821	
77	6892	6964	7035	7107	7178	7250	7321	7393	7464	7536	
78	7607	7678	7750	7821	7893	7964	8036	8107	8179	8250	
79	8321	8393	8464	8536	8607	8679	8750	8821	8893	8964	
80	9036	9107	9179	9250	9322	9393	9464	9536	9607	9679	
6081	9750	9821	9893	9964	0036	0107	0179	0250	0321	0393	
82	7840164	0536	0607	0678	0750	0821	0893	0964	1035	1107	
83	1178	1250	1321	1392	1464	1535	1607	1678	1749	1821	
84	1892	1963	2035	2106	2178	2249	2320	2392	2463	2534	
85	2606	2677	2749	2820	2891	2963	3034	3105	3177	3248	
86	3319	3391	3462	3534	3605	3676	3748	3819	3890	3962	
87	4033	4104	4176	4247	4318	4390	4461	4532	4604	4675	
88	4746	4818	4889	4960	5032	5103	5174	5246	5317	5388	
89	5460	5531	5602	5674	5745	5816	5888	5959	6030	6102	
90	6173	6244	6316	6387	6458	6529	6601	6672	6743	6815	
6091	6886	6957	7029	7100	7171	7242	7314	7385	7456	7528	
92	7599	7670	7742	7813	7884	7955	8027	8098	8169	8241	
93	8312	8383	8454	8526	8597	8668	8739	8811	8882	8953	
94	9024	9096	9167	9238	9310	9381	9452	9523	9595	9666	
95	9737	9808	9880	9951	0022	0093	0165	0236	0307	0378	
96	7850450	0521	0592	0663	0735	0806	0877	0948	1019	1091	
97	1162	1233	1304	1376	1447	1518	1589	1661	1732	1803	
98	1874	1945	2017	2088	2159	2230	2301	2373	2444	2515	
99	2586	2658	2729	2800	2871	2942	3014	3085	3156	3227	
6100	3238	3370	3441	3512	3583	3654	3726	3797	3868	3939	

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8100	785	3298	6370	3441	3512	3383	3654	3723	3797	3868	3939
01	4010	4081	4153	4224	4293	4366	4437	4509	4580	4651	
02	4722	4793	4864	4936	5007	5078	5149	5220	5291	5363	
03	5434	5505	5578	5647	5718	5789	5861	5932	6003	6074	
04	6145	6216	6288	6359	6430	6501	6572	6643	6714	6786	
05	6857	6928	6999	7070	7141	7212	7283	7355	7426	7497	
06	7568	7639	7710	7781	7852	7924	7995	8066	8137	8208	
07	8279	8350	8421	8493	8564	8635	8706	8777	8848	8919	
08	8990	9061	9132	9204	9275	9346	9417	9488	9559	9630	
09	9701	9772	9843	9913	9986	0057	0128	0199	0270	0341	
10	786	0412	0483	0554	0625	0696	0767	0839	0910	0981	1052
8111	1123	1184	1265	1336	1407	1478	1549	1620	1691	1762	
12	1833	1905	1976	2047	2118	2189	2260	2331	2402	2473	
13	2544	2615	2686	2767	2829	2899	2970	3041	3112	3183	
14	3254	3325	3396	3467	3538	3609	3681	3752	3823	3894	
15	3963	4036	4107	4178	4249	4320	4391	4462	4533	4604	
16	4675	4746	4817	4888	4959	5030	5101	5172	5243	5314	
17	5385	5456	5527	5598	5669	5740	5811	5882	5953	6024	
18	6095	6166	6237	6308	6379	6450	6521	6592	6663	6734	
19	6805	6876	6947	7017	7088	7159	7230	7301	7372	7443	
20	7514	7585	7656	7727	7798	7869	7940	8011	8082	8153	
8121	8224	8295	8366	8437	8508	8578	8649	8720	8791	8862	
22	8933	9004	9075	9146	9217	9288	9359	9430	9501	9572	
23	9643	9714	9784	9855	9926	9997	0068	0139	0210	0281	
24	787	0332	0403	0474	0545	0616	0687	0758	0829	0900	
25	1061	1132	1203	1274	1345	1416	1487	1558	1629	1699	
26	1770	1841	1912	1983	2054	2124	2195	2266	2337	2408	
27	2479	2550	2621	2691	2762	2833	2904	2975	3046	3117	
28	3168	3238	3309	3379	3450	3521	3592	3663	3734	3805	
29	3898	3967	4038	4109	4180	4250	4321	4392	4463	4534	
30	4605	4676	4747	4817	4888	4959	5030	5101	5171	5242	
8131	5313	5384	5455	5526	5596	5667	5738	5809	5880	5951	
32	6021	6092	6163	6234	6305	6376	6446	6517	6588	6659	
33	6730	6800	6871	6942	7013	7084	7155	7225	7296	7367	
34	7438	7509	7579	7650	7721	7792	7863	7933	8004	8075	
35	8146	8216	8287	8358	8429	8500	8570	8641	8712	8783	
36	8854	8924	8995	9066	9137	9207	9278	9349	9420	9490	
37	9561	9632	9703	9774	9844	9915	9986	0057	0127	0198	
38	788	0269	0340	0410	0481	0552	0623	0693	0764	0835	
39	0976	1047	1118	1189	1259	1330	1401	1472	1542	1613	
40	1684	1754	1825	1896	1967	2037	2108	2179	2250	2320	
8141	2391	2462	2532	2603	2674	2745	2815	2886	2957	3027	
42	3098	3169	3240	3310	3381	3452	3522	3593	3664	3734	
43	3805	3876	3947	4017	4088	4159	4229	4300	4371	4441	
44	4512	4583	4653	4724	4795	4865	4936	5007	5078	5148	
45	5219	5290	5360	5431	5502	5572	5643	5714	5784	5855	
46	5926	5996	6067	6138	6209	6279	6350	6420	6491	6561	
47	6632	6703	6773	6844	6915	6985	7056	7127	7197	7268	
48	7339	7409	7480	7551	7621	7692	7762	7833	7904	7974	
49	8045	8116	8186	8257	8327	8398	8469	8539	8610	8681	
8150	8751	8822	8892	8963	9034	9104	9175	9245	9316	9387	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6150	788 8751	8822	8892	8963	9034	9104	9175	9245	9316	9387	
51	9457	9528	9598	9669	9740	9810	9881	9951	0022	0093	
52	789 0163	0234	0304	0375	0446	0516	0587	0657	0728	0799	
53	0869	0940	1010	1081	1151	1222	1293	1363	1434	1504	
54	1575	1645	1716	1787	1857	1928	1998	2069	2139	2210	
55	2281	2351	2422	2492	2563	2633	2704	2774	2845	2916	
56	2986	3057	3127	3198	3268	3339	3409	3480	3550	3621	
57	3692	3762	3833	3903	3974	4044	4115	4185	4256	4326	
58	4397	4467	4538	4608	4679	4749	4820	4890	4961	5032	
59	5102	5173	5243	5314	5384	5455	5525	5596	5666	5737	
60	5807	5878	5948	6019	6089	6160	6230	6301	6371	6442	
6161	6512	6583	6653	6724	6794	6865	6935	7005	7076	7146	
62	7217	7287	7358	7428	7499	7569	7640	7710	7781	7851	
63	7922	7992	8063	8133	8204	8274	8344	8415	8485	8556	
64	8626	8697	8767	8838	8908	8979	9049	9119	9190	9260	
65	9331	9401	9472	9542	9613	9683	9753	9824	9894	9965	
66	790 0035	0106	0176	0247	0317	0387	0458	0528	0599	0669	
67	0739	0810	0880	0951	1021	1092	1162	1232	1303	1373	
68	1444	1514	1584	1655	1725	1796	1866	1936	2007	2077	
69	2148	2218	2288	2359	2429	2500	2570	2640	2711	2781	
70	2852	2922	2992	3063	3133	3204	3274	3344	3415	3485	
6171	3555	3626	3696	3767	3837	3907	3978	4048	4118	4189	71
72	4259	4330	4400	4470	4541	4611	4681	4752	4822	4892	2 7
73	4963	5033	5103	5174	5244	5315	5385	5455	5526	5596	3 14
74	5666	5737	5807	5877	5948	6018	6088	6159	6229	6299	4 21
75	6370	6440	6510	6581	6651	6721	6792	6862	6932	7003	5 28
76	7073	7143	7214	7284	7354	7424	7495	7565	7635	7706	6 35
77	7776	7846	7917	7987	8057	8128	8198	8268	8338	8409	7 50
78	8479	8549	8620	8690	8760	8831	8901	8971	9041	9112	8 57
79	9182	9252	9323	9393	9463	9533	9604	9674	9744	9814	9 64
80	9885	9955	0025	0096	0166	0236	0306	0377	0447	0517	
6181	791 0587	0658	0728	0798	0868	0939	1009	1079	1150	1220	
82	1290	1360	1431	1501	1571	1641	1711	1782	1852	1922	
83	1992	2063	2133	2203	2273	2344	2414	2484	2554	2625	
84	2695	2765	2835	2905	2976	3046	3116	3186	3257	3327	
85	3397	3467	3537	3608	3678	3748	3818	3889	3959	4029	
86	4099	4169	4240	4310	4380	4450	4520	4591	4661	4731	
87	4801	4871	4942	5012	5082	5152	5222	5292	5363	5433	
88	5503	5573	5643	5714	5784	5854	5924	5994	6064	6135	
89	6205	6275	6345	6415	6486	6556	6626	6696	6766	6836	
90	6906	6977	7047	7117	7187	7257	7327	7398	7468	7538	
6191	7608	7678	7748	7818	7889	7959	8029	8099	8169	8239	
92	8309	8380	8450	8520	8590	8660	8730	8800	8871	8941	
93	9011	9081	9151	9221	9291	9361	9432	9502	9572	9642	
94	9712	9782	9852	9923	9992	0063	0133	0203	0273	0343	
95	792 0413	0483	0553	0623	0694	0764	0834	0904	0974	1044	
96	1114	1184	1254	1324	1394	1465	1535	1605	1675	1745	
97	1815	1885	1955	2025	2095	2165	2235	2306	2376	2446	
98	2516	2586	2656	2726	2796	2866	2936	3006	3076	3146	
99	3216	3286	3356	3427	3497	3567	3637	3707	3777	3847	
6200	3917	3987	4057	4127	4197	4267	4337	4407	4477	4547	

No.	0	1	2	3	4	5	6	7	8	9	Dist.
6200	792	3917	3987	4057	4127	4197	4267	4337	4407	4477	4547
01		4617	4687	4757	4827	4897	4967	5038	5108	5176	5248
02		5318	5388	5458	5528	5598	5668	5738	5808	5878	5948
03		6018	6088	6158	6228	6298	6368	6438	6508	6578	6648
04		6718	6788	6858	6928	6998	7068	7138	7208	7278	7348
05		7418	7488	7558	7628	7698	7768	7838	7908	7978	8048
06		8118	8188	8258	8328	8398	8468	8538	8608	8676	8747
07		8817	8887	8957	9027	9097	9167	9237	9307	9377	9447
08		9517	9587	9657	9727	9797	9857	9937	0007	0077	0147
09	793	0217	0287	0356	0426	0496	0556	0636	0706	0776	0846
10		0916	0986	1056	1126	1196	1266	1336	1406	1475	1545
6211		1615	1685	1755	1825	1895	1965	2035	2105	2175	2245
12		2314	2384	2454	2524	2594	2664	2734	2804	2874	2944
13		3014	3083	3153	3223	3293	3363	3433	3503	3573	3643
14		3712	3762	3852	3922	3992	4062	4182	4202	4272	4341
15		4411	4481	4551	4621	4691	4761	4831	4900	4970	5040
16		5110	5160	5250	5320	5390	5459	5529	5599	5669	5739
17		5809	5879	5948	6018	6068	6158	6228	6296	6357	6437
18		6507	6577	6647	6717	6767	6856	6926	6996	7066	7136
19		7206	7275	7345	7415	7485	7555	7625	7694	7764	7834
20		7904	7974	8043	8113	8183	8253	8323	8393	8462	8532
6221		8602	8672	8742	8811	8881	8951	9021	9091	9160	9230
22		9300	9370	9440	9509	9579	9649	9719	9769	9858	9928
23		9998	0068	0138	0207	0277	0347	0417	0487	0556	0626
24	794	0698	0768	0835	0905	0975	1045	1114	1164	1254	1824
25		1624	1463	1533	1603	1673	1742	1812	1882	1252	2021
26		2091	2181	2231	2300	2370	2440	2510	2579	2649	2719
27		2789	2858	2928	2998	3068	3137	3207	3277	3347	3418
28		3486	3558	3628	3698	3768	3835	3904	3274	4044	4114
29		4183	4253	4323	4392	4462	4532	4602	4671	4741	4811
30		4880	4950	5020	5090	5159	5229	5299	5368	5438	5508
6231		5578	5647	5717	5787	5856	5926	5996	6065	6135	6205
32		6274	6344	6414	6484	6553	6623	6693	6762	6832	6902
33		6971	7041	7111	7160	7259	7320	7389	7459	7529	7598
34		7668	7738	7807	7877	7947	8016	8086	8156	8225	8295
35		8365	8434	8504	8574	8643	8713	8782	8852	8922	6991
36		9061	9131	9200	9270	9340	9409	9479	9549	9616	9688
37		9757	9827	9897	9955	0036	0106	0175	0245	0314	0384
38	795	0454	9523	0593	9663	0732	0802	9671	0941	1011	1080
39		1150	1219	1289	1359	1428	1496	1567	1637	1707	1776
40		1846	1915	1985	2055	2124	2194	2263	2333	2403	2472
6241		2542	2611	2681	2751	2820	2890	2959	3029	3098	3168
42		3238	3307	3377	3446	3516	3588	3655	3725	3794	3864
43		3933	4003	4072	4142	4212	4281	4351	4420	4490	4559
44		4629	4698	4768	4838	4907	4977	5046	5116	5185	5255
45		5324	5394	5464	5533	5603	5672	5742	5811	5881	5950
46		6020	6089	6159	6228	6298	6367	6437	6506	6576	6648
47		6715	6785	6854	6924	6996	7063	7132	7202	7271	7341
48		7410	7480	7549	7619	7588	7758	7827	7897	7966	8036
49		8105	8175	8244	8314	8363	8453	8523	8592	8661	8731
6250		8800	8870	8939	9009	9078	9148	9217	9287	9356	9426

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6250	7958800	8870	8939	9009	9078	9148	9217	9287	9356	9426	
51	9495	9564	9634	9703	9773	9842	9912	9981	0051	0120	
52	7960190	0259	0329	0398	0468	0537	0606	0676	0745	0815	
53	0884	0954	1023	1093	1162	1232	1301	1370	1440	1509	
54	1579	1648	1718	1787	1857	1926	1995	2065	2134	2204	
55	2273	2343	2412	2481	2551	2620	2690	2759	2829	2898	
56	2967	3037	3106	3176	3245	3314	3384	3453	3523	3592	
57	3662	3731	3800	3870	3939	4009	4078	4147	4217	4286	
58	4356	4425	4494	4564	4633	4703	4772	4841	4911	4980	
59	5050	5119	5188	5258	5327	5396	5466	5535	5605	5674	
60	5743	5813	5882	5951	6021	6090	6160	6229	6298	6368	
6261	6437	6506	6576	6645	6714	6784	6853	6923	6992	7061	
62	7131	7200	7269	7339	7408	7477	7547	7616	7685	7755	
63	7824	7893	7963	8032	8101	8171	8240	8309	8379	8448	
64	8517	8587	8656	8725	8795	8864	8933	9003	9072	9141	
65	9211	9280	9349	9419	9488	9557	9627	9696	9765	9835	
66	9901	9973	0043	0112	0181	0250	0320	0389	0458	0528	
67	7970597	0666	0736	0805	0874	0943	1013	1082	1151	1221	
68	1290	1359	1428	1498	1567	1636	1706	1775	1844	1913	
69	1983	2052	2121	2191	2260	2329	2398	2468	2537	2606	
70	2675	2745	2814	2883	2952	3022	3091	3160	3229	3299	
6271	3368	3437	3507	3576	3645	3714	3784	3853	3922	3991	
72	4060	4130	4199	4268	4337	4407	4476	4545	4614	4684	
73	4763	4822	4891	4961	5030	5099	5168	5237	5307	5376	
74	5445	5514	5584	5653	5722	5791	5860	5930	5999	6068	
75	6137	6207	6276	6345	6414	6483	6553	6622	6691	6760	
76	6829	6899	6968	7037	7106	7175	7245	7314	7383	7452	
77	7521	7590	7660	7729	7798	7867	7936	8006	8075	8144	
78	8213	8282	8351	8421	8490	8559	8628	8697	8766	8836	
79	8905	8974	9043	9112	9181	9251	9320	9389	9458	9527	
80	9596	9666	9735	9804	9873	9942	0011	0080	0150	0219	
6281	7980288	0357	0426	0495	0565	0634	0703	0772	0841	0910	
82	0979	1048	1118	1187	1256	1325	1394	1463	1532	1601	
83	1671	1740	1809	1878	1947	2016	2085	2154	2224	2293	
84	2362	2431	2500	2569	2638	2707	2776	2846	2915	2984	
85	3053	3122	3191	3260	3329	3398	3467	3536	3606	3675	
86	3744	3813	3882	3951	4020	4089	4158	4227	4296	4366	
87	4435	4504	4573	4642	4711	4780	4849	4918	4987	5056	
88	5125	5194	5263	5333	5402	5471	5540	5609	5678	5747	
89	5816	5885	5954	6023	6092	6161	6230	6299	6368	6437	
90	6506	6575	6645	6714	6783	6852	6921	6990	7059	7128	
6291	7197	7266	7335	7404	7473	7542	7611	7680	7749	7818	
92	7857	7926	8025	8094	8163	8232	8301	8370	8439	8508	
93	8577	8646	8715	8784	8853	8922	8991	9060	9129	9198	
94	9267	9336	9405	9474	9543	9612	9681	9750	9819	9888	
95	9957	0026	0095	0164	0233	0302	0371	0440	0509	0578	
96	7990547	0716	0785	0854	0923	0992	1061	1130	1199	1268	
97	1337	1406	1475	1544	1613	1682	1751	1820	1889	1958	
98	2027	2096	2164	2233	2302	2371	2440	2509	2578	2647	
99	2718	2785	2854	2923	2992	3061	3130	3199	3268	3337	
6300	3405	3474	3543	3612	3681	3750	3819	3888	3957	4026	

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No.	0	1	2	3	4	5	6	7	8	9	Dist.
6300	799	8405	3474	3543	2612	2681	3750	2819	3888	2957	4026
01		4095	4164	4233	4302	4270	4439	4508	4577	4646	4715
02		4784	4853	4922	4991	5060	6129	5197	5266	5335	5404
03		5473	5542	5611	5680	5749	6818	5886	5955	6024	6093
04		6162	6231	6300	6369	6438	6506	6575	6644	6713	6782
05		6851	6920	6989	7058	7126	7195	7264	7333	7402	7471
06		7540	7609	7677	7746	7815	7884	7953	8022	8091	8159
07		8228	8297	8366	8435	8504	8573	8641	8710	8779	8848
08		8917	8986	9055	9123	9192	9261	9330	9399	9468	9536
09		9605	9674	9743	9812	9881	9949	0018	0087	0156	0225
10	800	0294	0362	0431	0500	0569	0638	0707	0775	0844	0913
6311		0982	1051	1119	1188	1257	1326	1395	1463	1532	1601
12		1670	1739	1808	1876	1945	2014	2083	2152	2220	2289
13		2358	2427	2495	2564	2633	2702	2771	2839	2908	2977
14		3046	3116	3183	3252	3321	3390	3458	3527	3596	3665
15		3734	3809	3871	3940	4009	4077	4146	4215	4284	4352
16		4421	4490	4559	4627	4696	4765	4834	4903	4971	5040
17		5109	5178	5246	5315	5384	5453	5521	5590	5659	5727
18		5798	5863	5934	6002	6071	6140	6209	6277	6346	6415
19		6484	6552	6621	6690	6768	6827	6896	6965	7033	7102
20		7171	7239	7308	7377	7446	7514	7583	7652	7720	7789
6321		7858	7927	7995	8064	8133	8201	8270	8339	8408	8478
22		8545	8614	8682	8751	8820	8888	8957	9026	9094	9163
23		9232	9301	9369	9438	9507	9575	9644	9713	9781	9850
24		9919	9987	0056	0125	0193	0262	0331	0399	0468	0537
25	801	0603	0674	0743	0811	0880	0949	1017	1086	1155	1223
26		1292	1361	1429	1498	1566	1635	1704	1772	1841	1910
27		1978	2047	2116	2184	2253	2322	2390	2459	2527	2596
28		2663	2733	2802	2871	2939	3008	3076	3146	3214	3282
29		3331	3400	3468	3537	3605	3674	3743	3811	3880	3948
30		4037	4106	4174	4243	4312	4380	4449	4517	4586	4655
6331		4723	4792	4860	4929	4998	5066	5135	5203	5272	5340
32		5409	5478	5546	5615	5683	5752	5821	5889	5958	6026
33		6096	6163	6232	6301	6369	6438	6506	6575	6643	6712
34		6781	6849	6918	6986	7055	7123	7192	7261	7329	7398
35		7466	7535	7603	7672	7740	7809	7878	7946	8016	8083
36		8152	8220	8289	8357	8426	8494	8563	8631	8700	8769
37		8837	8906	8974	9043	9111	9180	9248	9317	9385	9454
38		9523	9591	9660	9728	9796	9865	9933	0002	0070	0139
39	802	0208	0276	0346	0413	0482	0550	0619	0687	0756	0824
40		0893	0961	1030	1098	1167	1235	1304	1372	1441	1509
6341		1578	1646	1716	1783	1851	1920	1988	2057	2125	2194
42		2262	2331	2399	2468	2536	2605	2673	2742	2810	2879
43		2947	3016	3084	3153	3221	3289	3358	3426	3495	3563
44		3632	3700	3769	3837	3906	3974	4043	4111	4179	4248
45		4316	4385	4453	4522	4590	4658	4727	4795	4864	4932
46		5001	5069	5138	5206	5274	5343	5411	5480	5548	5617
47		5685	5754	5822	5890	5959	6027	6096	6164	6232	6301
48		6369	6438	6506	6574	6643	6711	6780	6848	6916	6986
49		7053	7122	7190	7258	7327	7395	7464	7532	7600	7669
6360		7737	7806	7874	7942	8011	8079	8148	8216	8284	8353

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6350	8027737	7806	7874	7942	8011	8079	8148	8216	8284	8353	
51	8421	8490	8558	8626	8695	8763	8831	8900	8968	9037	
52	9105	0173	9242	9310	9378	9447	9515	9583	9652	9720	
53	9789	9857	9925	9994	0062	0130	0199	0267	0335	0404	
54	8030472	0540	0609	0677	0745	0814	0882	0951	1019	1087	
55	1156	1224	1292	1361	1429	1497	1566	1634	1702	1771	
56	1839	1907	1976	2044	2112	2181	2249	2317	2385	2454	
57	2522	2590	2659	2727	2795	2864	2932	3000	3069	3137	
58	3205	3274	3342	3410	3478	3547	3615	3683	3752	3820	
59	3888	3957	4025	4093	4161	4230	4298	4366	4435	4503	
60	4571	4639	4708	4776	4844	4913	4981	5049	5117	5186	
6361	5254	5322	5391	5459	5527	5595	5664	5732	5800	5868	
62	5937	6005	6073	6141	6210	6278	6346	6414	6483	6551	
63	6619	6687	6756	6824	6892	6960	7029	7097	7165	7233	
64	7302	7370	7438	7506	7575	7643	7711	7779	7848	7916	
65	7984	8052	8121	8189	8257	8325	8393	8462	8530	8598	
66	8666	8735	8803	8871	8939	9007	9076	9144	9212	9280	
67	9348	9417	9485	9553	9621	9690	9758	9826	9894	9962	
68	6040031	0099	0167	0235	0303	0372	0440	0508	0576	0644	
69	0712	0781	0849	0917	0985	1053	1122	1190	1258	1326	
70	1394	1463	1531	1599	1667	1735	1803	1872	1940	2008	
6371	2076	2144	2212	2281	2349	2417	2485	2553	2621	2690	
72	2758	2826	2894	2962	3030	3098	3167	3235	3303	3371	
73	3439	3507	3575	3644	3712	3780	3848	3916	3984	4052	
74	4121	4189	4257	4325	4393	4461	4529	4598	4666	4734	
75	4802	4870	4938	5006	5074	5148	5211	5279	5347	5415	
76	5483	5551	5619	5687	5756	5824	5892	5960	6028	6096	
77	6164	6232	6300	6368	6437	6505	6573	6641	6709	6777	
78	6845	6913	6981	7049	7118	7186	7254	7322	7390	7458	
79	7526	7594	7662	7730	7798	7866	7934	8003	8071	8139	
80	8207	8275	8343	8411	8479	8547	8615	8683	8751	8819	
6381	8887	8956	9024	9092	9160	9228	9296	9364	9432	9500	
82	9568	9636	9704	9772	9840	9908	9976	0044	0112	0180	
83	8050248	0316	0385	0453	0521	0589	0657	0725	0793	0861	
84	0929	0997	1065	1133	1201	1269	1337	1405	1473	1541	
85	1609	1677	1745	1813	1881	1949	2017	2085	2153	2221	
86	2289	2357	2425	2493	2561	2629	2697	2765	2833	2901	
87	2969	3037	3105	3173	3241	3309	3377	3445	3513	3581	
88	3649	3717	3785	3853	3921	3989	4057	4125	4193	4261	
89	4329	4397	4465	4533	4601	4669	4737	4805	4873	4941	
90	5009	5077	5145	5212	5280	5348	5416	5484	5552	5620	
6391	5688	5756	5824	5892	5960	6028	6096	6164	6232	6300	
92	6368	6436	6504	6571	6639	6707	6775	6843	6911	6979	
93	7047	7115	7183	7251	7319	7387	7455	7523	7590	7658	
94	7726	7794	7862	7930	7998	8066	8134	8202	8270	8338	
95	8405	8473	8541	8609	8677	8745	8813	8881	8949	9017	
96	9085	9153	9220	9288	9356	9424	9492	9560	9628	9696	
97	9764	9831	9899	9967	0035	0103	0171	0239	0307	0374	
98	8060442	0510	0578	0646	0714	0782	0850	0917	0985	1053	
99	1121	1189	1257	1325	1393	1460	1528	1596	1664	1732	
6400	1800	1868	1936	2003	2071	2139	2207	2275	2343	2410	

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No.	0	1	2	3	4	5	6	7	8	9	Dist.
5400	303	1300	1868	1935	2003	2071	2139	2207	2275	2343	2410
01		2479	2548	2614	2682	2750	2817	2885	2953	3021	3089
02		3157	3225	3293	3360	3428	3495	3564	3632	3699	3767
03		3835	3903	3971	4038	4106	4174	4242	4310	4378	4445
04		4513	4581	4649	4717	4784	4852	4920	4988	5055	5124
05		5191	5259	5327	5396	5463	5530	5598	5666	5734	5802
06		5889	5957	6025	6093	6161	6228	6296	6364	6432	6500
07		6547	6615	6683	6751	6819	6887	6954	7022	7090	7157
08		7225	7293	7361	7428	7496	7564	7632	7699	7767	7835
09		7903	7970	8038	8106	8174	8242	8309	8377	8445	8513
10		8580	8648	8716	8784	8851	8919	8987	9055	9122	9190
3411		9258	9326	9393	9461	9529	9598	9664	9732	9800	9867
12		9935	0003	0071	0138	0206	0274	0342	0409	0477	0545
13	807	0612	0680	0748	0816	0883	0951	1019	1088	1154	1222
14		1290	1357	1425	1493	1560	1628	1696	1764	1831	1899
15		1967	2034	2102	2170	2237	2305	2373	2440	2508	2575
16		2644	2711	2779	2847	2914	2982	3050	3117	3185	3253
17		3320	3388	3456	3523	3591	3659	3726	3794	3862	3929
18		3997	4065	4132	4200	4268	4335	4403	4471	4538	4606
19		4674	4741	4809	4877	4944	5012	5080	5147	5215	5283
20		5350	5418	5486	5553	5621	5689	5756	5824	5891	5959
3421		6027	6094	6162	6230	6297	6365	6432	6500	6568	6635
22		6703	6771	6838	6906	6974	7041	7109	7178	7244	7312
23		7379	7447	7514	7582	7650	7717	7785	7853	7920	7988
24		8055	8123	8191	8258	8326	8393	8461	8529	8596	8664
25		8731	8799	8867	8934	9002	9069	9137	9204	9272	9340
26		9407	9475	9542	9610	9678	9745	9813	9880	9948	0015
27	808	0083	0151	0218	0286	0353	0421	0488	0556	0624	0691
28		0759	0827	0894	0962	1029	1098	1164	1232	1299	1367
29		1434	1502	1569	1637	1704	1772	1840	1907	1975	2042
30		2110	2177	2245	2312	2380	2447	2515	2582	2650	2718
3431		2785	2853	2920	2988	3056	3123	3190	3258	3326	3393
32		3460	3528	3596	3663	3730	3798	3866	3933	4000	4068
33		4136	4204	4271	4338	4406	4473	4541	4608	4676	4743
34		4811	4879	4946	5014	5081	5148	5216	5283	5351	5418
35		5486	5553	5620	5688	5755	5823	5890	5958	6025	6093
36		6160	6228	6295	6363	6430	6498	6565	6633	6700	6768
37		6836	6903	6970	7037	7105	7172	7240	7307	7375	7442
38		7510	7577	7645	7712	7780	7847	7914	7982	8049	8117
39		8184	8252	8319	8387	8454	8521	8589	8656	8724	8791
40		8859	8926	8994	9061	9128	9196	9263	9331	9398	9466
5441		9533	9600	9668	9735	9803	9870	9938	0005	0072	0140
42	809	0207	0275	0342	0409	0477	0544	0612	0679	0747	0814
43		0881	0949	1016	1084	1151	1218	1285	1353	1421	1488
44		1555	1623	1690	1757	1825	1892	1960	2027	2094	2162
45		2229	2297	2364	2431	2499	2566	2634	2701	2768	2836
46		2903	2970	3038	3105	3173	3240	3307	3375	3442	3509
47		3577	3644	3711	3779	3846	3914	3981	4049	4116	4183
48		4250	4318	4385	4452	4520	4587	4654	4722	4789	4857
49		4924	4991	5058	5126	5193	5260	5328	5395	5462	5530
5450		5597	5664	5732	5799	5867	5934	6001	6068	6136	6203

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6450	809	5597	5664	5732	5799	5866	5934	6001	6068	6136	6203
51		6270	6338	6405	6472	6540	6607	6674	6742	6809	6876
52		6944	7011	7078	7146	7213	7280	7347	7415	7482	7549
53		7617	7684	7751	7819	7886	7953	8020	8088	8155	8222
54		8290	8357	8424	8491	8559	8626	8693	8761	8828	8895
55		8962	9030	9097	9164	9232	9299	9366	9433	9501	9568
56		9635	9702	9770	9837	9904	9972	0039	0106	0173	0241
57	810	0308	0375	0442	0510	0577	0644	0711	0779	0846	0913
58		0980	1048	1115	1182	1249	1317	1384	1451	1518	1586
59		1653	1720	1787	1855	1922	1989	2056	2123	2191	2258
60		2325	2392	2460	2527	2594	2661	2729	2796	2863	2930
6461		2997	3065	3132	3199	3266	3333	3401	3468	3535	3602
62		3670	3737	3804	3871	3938	4006	4073	4140	4207	4274
63		4342	4409	4476	4543	4610	4678	4745	4812	4879	4946
64		5013	5081	5148	5215	5282	5349	5417	5484	5551	5618
65		5685	5752	5820	5887	5954	6021	6088	6156	6223	6290
66		6357	6424	6491	6558	6626	6693	6760	6827	6894	6961
67		7029	7096	7163	7230	7297	7364	7432	7499	7566	7633
68		7700	7767	7834	7902	7969	8036	8103	8170	8237	8304
69		8372	8439	8506	8573	8640	8707	8774	8841	8909	8976
70		9043	9110	9177	9244	9311	9378	9446	9513	9580	9647
6471		9714	9781	9848	9915	9982	0050	0117	0184	0251	0318
72	811	0385	0452	0519	0586	0653	0721	0788	0855	0922	0989
73		1056	1123	1190	1257	1324	1392	1459	1526	1593	1660
74		1727	1794	1861	1928	1995	2062	2129	2197	2264	2331
75		2398	2465	2532	2599	2666	2733	2800	2867	2934	3001
76		3068	3135	3202	3270	3337	3404	3471	3538	3605	3672
77		3739	3806	3873	3940	4007	4074	4141	4208	4275	4342
78		4409	4476	4544	4611	4678	4745	4812	4879	4946	5013
79		5080	5147	5214	5281	5348	5415	5482	5549	5616	5683
80		5750	5817	5884	5951	6018	6085	6152	6219	6286	6353
6481		6420	6487	6554	6621	6688	6755	6822	6889	6956	7023
82		7090	7157	7224	7291	7358	7425	7492	7559	7626	7693
83		7760	7827	7894	7961	8028	8095	8162	8229	8296	8363
84		8430	8497	8564	8631	8698	8765	8832	8899	8966	9033
85		9100	9167	9234	9301	9368	9435	9502	9569	9636	9702
86		9769	9836	9903	9970	0037	0104	0171	0238	0305	0372
87	812	0439	0506	0573	0640	0707	0774	0841	0908	0975	1041
88		1108	1175	1242	1309	1376	1443	1510	1577	1644	1711
89		1778	1845	1912	1979	2045	2112	2179	2246	2313	2380
90		2447	2514	2581	2648	2715	2782	2848	2915	2982	3049
6491		3116	3183	3250	3317	3384	3451	3518	3584	3651	3718
92		3785	3852	3919	3986	4053	4120	4186	4253	4320	4387
93		4454	4521	4588	4655	4722	4788	4855	4922	4989	5056
94		5123	5190	5257	5323	5390	5457	5524	5591	5658	5725
95		5792	5858	5925	5992	6059	6126	6193	6260	6326	6393
96		6460	6527	6594	6661	6728	6794	6861	6928	6995	7062
97		7129	7196	7262	7329	7396	7463	7530	7597	7663	7730
98		7797	7864	7931	7998	8064	8131	8198	8265	8332	8399
99		8465	8532	8599	8666	8733	8799	8866	8933	9000	9067
6500		9134	9200	9267	9334	9401	9468	9534	9601	9668	9735

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6500	8129134	9200	9287	8334	9401	9488	9534	9601	9668	9735	
01	9802	9888	9935	0002	0069	0135	0202	0269	0335	0403	
02	8130470	0536	0603	0670	0727	0804	0870	0937	1004	1071	
03	1138	1204	1271	1338	1405	1471	1538	1605	1672	1739	
04	1805	1872	1939	2005	2072	2139	2208	2273	2339	2406	
05	2473	2540	2607	2673	2740	2807	2874	2940	3007	3074	
06	3141	3207	3274	3341	3408	3474	3541	3608	3675	3741	
07	3803	3875	3942	4008	4075	4142	4209	4275	4342	4409	
08	4475	4542	4609	4676	4742	4809	4876	4943	5009	5078	
09	5143	5209	5276	5343	5410	5476	5543	5610	5676	5743	
10	5810	5877	5943	6010	6077	6143	6210	6277	6344	6410	
6511	6477	6544	6610	6677	6744	6810	6877	6944	7011	7077	
12	7144	7211	7277	7344	7411	7477	7544	7611	7677	7744	
13	7811	7877	7944	8011	8077	8144	8211	8278	8344	8411	
14	8478	8544	8611	8678	8744	8811	8878	8944	9011	9078	
15	9144	9211	9278	9344	9411	9477	9544	9611	9677	9744	
16	9811	9877	9944	0011	0077	0144	0211	0277	0344	0411	
17	8140477	0544	0610	0677	0744	0810	0877	0944	1010	1077	
18	1144	1210	1277	1343	1410	1477	1543	1610	1677	1743	
19	1810	1876	1943	2010	2076	2143	2210	2278	2343	2409	
20	2476	2543	2609	2676	2742	2809	2878	2942	3009	3075	
6521	3142	3209	3276	3342	3408	3475	3542	3608	3675	3741	
22	3808	3876	3941	4008	4074	4141	4207	4274	4341	4407	
23	4474	4540	4607	4674	4740	4807	4873	4940	5006	5073	
24	5140	5206	5273	5339	5406	5472	5539	5605	5672	5739	
25	5805	5872	5938	6005	6071	6138	6204	6271	6338	6404	
26	6471	6537	6604	6670	6737	6803	6870	6937	7003	7070	
27	7136	7203	7269	7336	7402	7469	7535	7602	7668	7735	
28	7801	7868	7935	8001	8068	8134	8201	8267	8334	8400	
29	8467	8533	8600	8666	8733	8799	8866	8932	8999	9065	
30	9132	9198	9265	9331	9398	9464	9531	9597	9664	9730	
6531	9797	9863	9930	9996	0063	0129	0196	0262	0329	0395	
32	8150462	0528	0595	0661	0728	0794	0861	0927	0994	1060	
33	1127	1193	1260	1326	1392	1458	1525	1592	1658	1725	
34	1791	1858	1924	1991	2057	2124	2190	2257	2323	2389	
35	2456	2522	2589	2655	2722	2788	2855	2921	2988	3054	
36	3120	3187	3253	3320	3386	3453	3519	3586	3652	3718	
37	3785	3851	3918	3984	4051	4117	4183	4250	4316	4383	
38	4449	4515	4582	4648	4715	4781	4848	4914	4981	5047	
39	5113	5180	5246	5312	5379	5445	5512	5578	5645	5711	
40	5777	5844	5910	5977	6043	6109	6176	6242	6309	6375	
6541	6441	6508	6574	6641	6707	6773	6840	6906	6973	7039	
42	7105	7172	7238	7305	7371	7437	7504	7570	7637	7703	
43	7768	7835	7902	7968	8035	8101	8167	8234	8300	8367	
44	8433	8499	8566	8632	8698	8765	8831	8897	8964	9030	
45	9097	9163	9229	9296	9362	9428	9495	9561	9627	9694	
46	9760	9826	9893	9959	0025	0091	0158	0224	0291	0357	
47	8180423	0490	0558	0622	0689	0755	0821	0888	0954	1020	
48	1087	1153	1219	1285	1352	1418	1485	1551	1617	1684	
49	1750	1816	1883	1949	2015	2081	2148	2214	2280	2347	
6550	2413	2479	2546	2612	2678	2745	2811	2877	2943	3010	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6550	816	2413	2479	2546	2612	2678	2745	2811	2877	2943	3010
51	3076	3142	3209	3275	3341	3407	3474	3540	3606	3673	
52	3739	3805	3871	3938	4004	4070	4137	4203	4269	4335	
53	4402	4468	4534	4600	4667	4733	4799	4866	4932	4998	
54	5064	5131	5197	5263	5329	5396	5462	5528	5594	5661	
55	5727	5793	5859	5926	5992	6058	6124	6191	6257	6323	
56	6389	6456	6522	6588	6654	6721	6787	6853	6919	6986	
57	7052	7118	7184	7251	7317	7383	7449	7515	7582	7648	
58	7714	7780	7847	7913	7979	8045	8111	8178	8244	8310	
59	8376	8443	8509	8575	8641	8707	8774	8840	8906	8972	
60	9038	9105	9171	9237	9303	9369	9436	9502	9568	9634	
6561	9700	9767	9833	9899	9965	0031	0098	0164	0230	0296	
62	817	0362	0428	0495	0561	0627	0693	0759	0826	0892	0958
63	1024	1090	1156	1223	1289	1355	1421	1487	1553	1620	
64	1686	1752	1818	1884	1950	2017	2083	2149	2215	2281	
65	2347	2413	2480	2546	2612	2678	2744	2810	2876	2943	
66	3009	3075	3141	3207	3273	3339	3406	3472	3538	3604	
67	3670	3736	3802	3869	3935	4001	4067	4133	4199	4265	
68	4331	4398	4464	4530	4596	4662	4728	4794	4860	4927	
69	4993	5059	5125	5191	5257	5323	5389	5455	5521	5588	
70	5654	5720	5786	5852	5918	5984	6050	6116	6182	6249	
6571	6316	6381	6447	6513	6579	6645	6711	6777	6843	6909	
72	6976	7042	7108	7174	7240	7306	7372	7438	7504	7570	
73	7636	7702	7768	7835	7901	7967	8033	8099	8165	8231	
74	8297	8363	8429	8495	8561	8627	8693	8759	8825	8892	
75	8958	9024	9090	9156	9222	9288	9354	9420	9486	9552	
76	9618	9684	9750	9816	9882	9948	0014	0080	0146	0212	
77	818	0278	0344	0410	0477	0543	0609	0675	0741	0807	0873
78	0939	1005	1071	1137	1203	1269	1335	1401	1467	1533	
79	1599	1665	1731	1797	1863	1929	1995	2061	2127	2193	
80	2259	2325	2391	2457	2523	2589	2655	2721	2787	2853	
6581	2919	2985	3051	3117	3183	3249	3315	3381	3447	3513	
82	3579	3645	3711	3777	3843	3909	3975	4041	4107	4173	
83	4239	4305	4370	4436	4502	4568	4634	4700	4766	4832	
84	4898	4964	5030	5096	5162	5228	5294	5360	5426	5492	
85	5558	5624	5690	5756	5822	5888	5953	6019	6085	6151	
86	6217	6283	6349	6415	6481	6547	6613	6679	6745	6811	
87	6877	6943	7008	7074	7140	7206	7272	7338	7404	7470	
88	7536	7602	7668	7734	7800	7866	7931	7997	8063	8129	
89	8195	8261	8327	8393	8459	8525	8591	8656	8722	8788	
90	8854	8920	8986	9052	9118	9184	9250	9315	9381	9447	
6591	9513	9579	9645	9711	9777	9843	9908	9974	0040	0106	
92	819	0172	0238	0304	0370	0436	0501	0567	0633	0699	0765
93	0831	0897	0963	1028	1094	1160	1226	1292	1358	1424	
94	1489	1555	1621	1687	1753	1819	1885	1950	2016	2082	
95	2148	2214	2280	2346	2411	2477	2543	2609	2675	2741	
96	2806	2872	2938	3004	3070	3136	3202	3267	3333	3399	
97	3465	3531	3597	3662	3728	3794	3860	3926	3991	4057	
98	4123	4189	4255	4321	4386	4452	4518	4584	4650	4715	
99	4781	4847	4913	4979	5045	5110	5176	5242	5308	5374	
6600	5439	5505	5571	5637	5703	5768	5834	5900	5966	6032	

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6600	819	5439	5505	5571	5637	5703	5768	5834	5900	5966	6032
01	6097	6163	6229	6295	6360	6426	6492	6558	6624	6689	
02	6755	6821	6887	6953	7018	7084	7150	7216	7281	7347	
03	7413	7479	7545	7610	7676	7742	7808	7873	7939	8005	
04	8071	8138	8202	8268	8334	8399	8465	8531	8597	8662	
05	8728	8794	8860	8925	8991	9057	9123	9188	9254	9320	
06	9386	9451	9517	9583	9649	9714	9780	9846	9912	9977	
07	820	0043	0109	0175	0240	0306	0372	0437	0503	0569	0635
08	0700	0766	0832	0898	0963	1029	1095	1160	1226	1292	
09	1358	1423	1489	1555	1620	1686	1752	1817	1883	1949	
10	2015	2080	2146	2212	2277	2343	2409	2474	2540	2606	
8611	2672	2737	2803	2869	2934	3000	3066	3131	3197	3263	
12	3328	3394	3460	3525	3591	3657	3723	3788	3854	3920	
18	3985	4051	4117	4182	4248	4314	4379	4445	4511	4576	
14	4642	4708	4773	4839	4905	4970	5036	5102	5167	5233	
15	5293	5364	5430	5495	5561	5627	5692	5758	5824	5889	
16	5955	6021	6086	6152	6218	6283	6349	6414	6480	6546	
17	6611	6677	6743	6808	6874	6939	7005	7071	7136	7202	
18	7268	7332	7399	7464	7530	7596	7661	7727	7793	7858	
19	7924	7989	8055	8121	8186	8252	8317	8383	8449	8514	
20	8580	8645	8711	8777	8842	8908	8973	9039	9105	9170	
6621	9238	9301	9367	9433	9498	9564	9629	9695	9761	9826	
22	8892	8957	9023	9089	9154	9220	9285	9351	9416	9482	
23	621	0548	0613	0679	0744	0810	0875	0941	1007	1072	1138
24	1203	1269	1334	1400	1465	1531	1597	1662	1728	1793	
25	1859	1924	1990	2055	2121	2187	2252	2318	2383	2448	
26	2514	2580	2645	2711	2776	2842	2908	2973	3039	3104	
27	3170	3235	3301	3366	3432	3497	3563	3628	3694	3759	
28	3825	3891	3956	4022	4087	4153	4218	4284	4349	4415	
29	4480	4546	4611	4677	4742	4808	4873	4939	5004	5070	
30	5135	5201	5266	5332	5397	5463	5528	5594	5659	5725	
6631	5790	5856	5921	5987	6052	6118	6183	6249	6314	6380	
32	6445	6511	6576	6642	6707	6773	6838	6904	6969	7034	
33	7100	7165	7231	7296	7362	7427	7493	7558	7624	7689	
34	7755	7820	7886	7951	8017	8082	8147	8213	8278	8344	
35	8409	8475	8540	8606	8671	8737	8802	8867	8933	8998	
36	9064	9129	9195	9260	9326	9391	9456	9522	9587	9653	
37	9718	9784	9849	9914	9980	0045	0111	0176	0242	0307	
38	622	0372	0438	0503	0569	0634	0700	0765	0830	0896	0961
39	1027	1092	1158	1223	1288	1354	1419	1485	1550	1615	
40	1681	1746	1812	1877	1942	2008	2073	2139	2204	2269	
6641	2335	2400	2466	2531	2596	2662	2727	2793	2858	2923	
42	2989	3054	3119	3185	3250	3316	3381	3446	3512	3577	
43	3643	3708	3773	3839	3904	3969	4035	4100	4166	4231	
44	4296	4362	4427	4493	4558	4623	4688	4754	4819	4884	
45	4950	5015	5081	5146	5211	5277	5342	5407	5473	5538	
46	5603	5669	5734	5799	5865	5930	5995	6061	6126	6191	
47	6257	6322	6387	6453	6518	6583	6649	6714	6779	6845	
48	6910	6975	7041	7106	7171	7237	7302	7367	7433	7498	
49	7563	7629	7694	7759	7825	7890	7955	8021	8086	8151	
6650	8218	8283	8347	8413	8478	8543	8608	8674	8739	8804	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
6650	822	8216	8282	8347	8412	8478	8543	8608	8674	8739	8804
51		8869	8935	9000	9065	9131	9196	9261	9327	9392	9457
52		9522	9588	9653	9718	9784	9849	9914	9979	0045	0110
53	823	0175	0241	0306	0371	0436	0502	0567	0632	0697	0763
54		0828	0893	0958	1024	1089	1154	1220	1285	1350	1415
55		1481	1546	1611	1676	1742	1807	1872	1937	2003	2068
56		2133	2198	2264	2329	2394	2459	2525	2590	2655	2720
57		2786	2851	2916	2981	3047	3112	3177	3242	3307	3373
58		3438	3503	3568	3634	3699	3764	3829	3894	3960	4025
59		4090	4155	4221	4286	4351	4416	4481	4547	4612	4677
60		4742	4808	4873	4938	5003	5068	5134	5199	5264	5329
6661		5394	5460	5525	5590	5655	5720	5786	5851	5916	5981
62		6046	6111	6177	6242	6307	6372	6437	6503	6568	6633
63		6698	6763	6828	6894	6959	7024	7089	7154	7220	7285
64		7350	7415	7480	7545	7611	7676	7741	7806	7871	7936
65		8002	8067	8132	8197	8262	8327	8392	8458	8523	8588
66		8653	8718	8783	8849	8914	8979	9044	9109	9174	9239
67		9305	9370	9435	9500	9565	9630	9695	9761	9826	9891
68		9956	0021	0086	0151	0216	0282	0347	0412	0477	0542
69	824	0607	0672	0737	0803	0868	0933	0998	1063	1128	1193
70		1258	1323	1389	1454	1519	1584	1649	1714	1779	1844
6671		1909	1975	2040	2105	2170	2235	2300	2365	2430	2495
72		2560	2625	2691	2756	2821	2886	2951	3016	3081	3146
73		3211	3276	3341	3406	3472	3537	3602	3667	3732	3797
74		3862	3927	3992	4057	4122	4187	4252	4318	4383	4448
75		4513	4578	4643	4708	4773	4838	4903	4968	5033	5098
76		5163	5228	5293	5358	5423	5489	5554	5619	5684	5749
77		5814	5879	5944	6009	6074	6139	6204	6269	6334	6399
78		6464	6529	6594	6659	6724	6789	6854	6919	6984	7049
79		7114	7179	7244	7310	7375	7440	7505	7570	7635	7700
80		7765	7830	7895	7960	8025	8090	8155	8220	8285	8350
6681		8415	8480	8545	8610	8675	8740	8805	8870	8935	9000
82		9065	9130	9195	9260	9325	9390	9455	9520	9585	9650
83		9715	9780	9845	9910	9975	0040	0105	0169	0234	0299
84	825	0364	0429	0494	0559	0624	0689	0754	0819	0884	0949
85		1014	1079	1144	1209	1274	1339	1404	1469	1534	1599
86		1664	1729	1794	1859	1924	1988	2053	2118	2183	2248
87		2313	2378	2443	2508	2573	2638	2703	2768	2833	2898
88		2963	3028	3093	3157	3222	3287	3352	3417	3482	3547
89		3612	3677	3742	3807	3872	3937	4002	4066	4131	4196
90		4261	4326	4391	4456	4521	4586	4651	4716	4780	4845
6691		4910	4975	5040	5105	5170	5235	5300	5365	5430	5494
92		5559	5624	5689	5754	5819	5884	5949	6014	6078	6143
93		6208	6273	6338	6403	6468	6533	6598	6662	6727	6792
94		6857	6922	6987	7052	7117	7181	7246	7311	7376	7441
95		7506	7571	7636	7700	7765	7830	7895	7960	8025	8090
96		8154	8219	8284	8349	8414	8479	8544	8608	8673	8738
97		8803	8868	8933	8998	9062	9127	9192	9257	9322	9387
98		9451	9516	9581	9646	9711	9776	9840	9905	9970	0035
99	826	0100	0165	0229	0294	0359	0424	0489	0554	0618	0683
6700		0748	0813	0878	0942	1007	1072	1137	1202	1267	1331

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No.	0	1	2	3	4	5	6	7	8	9	Dist
6700	826	0748	0813	0878	0942	1007	1072	1137	1202	1267	1331
01		1396	1461	1528	1591	1655	1720	1785	1850	1915	1979
02		2044	2109	2174	2239	2303	2368	2433	2498	2563	2627
03		2692	2757	2822	2887	2951	3018	3081	3148	3210	3276
04		3340	3405	3470	3534	3599	3664	3729	3794	3858	3923
05		3988	4053	4117	4182	4247	4312	4376	4441	4508	4571
06		4635	4700	4765	4830	4895	4959	5024	5089	5154	5218
07		5283	5348	5413	5477	5542	5607	5672	5735	5801	5866
08		5931	5995	6060	6125	6190	6254	6319	6384	6448	6513
09		6578	6643	6707	6772	6837	6902	6968	7031	7098	7160
10		7225	7290	7355	7419	7484	7549	7614	7678	7743	7808
8711		7872	7937	8002	8067	8131	8196	8261	8325	8390	8455
12		8519	8584	8649	8714	8778	8843	8908	8972	9037	9102
13		9168	9231	9298	9361	9425	9490	9555	9619	9684	9749
14		9813	9878	9943	0007	0072	0137	0201	0266	0331	0395
15	827	0460	0525	0590	0654	0719	0784	0848	0913	0978	1043
16		1107	1172	1236	1301	1366	1430	1495	1560	1624	1689
17		1753	1818	1883	1947	2012	2077	2141	2206	2271	2335
18		2400	2465	2529	2594	2659	2723	2788	2852	2917	2982
19		3048	3111	3176	3240	3305	3370	3434	3499	3563	3628
20		3693	3757	3822	3887	3951	4016	4080	4145	4210	4274
8721		4339	4404	4468	4533	4597	4662	4727	4791	4856	4920
22		4985	5050	5114	5179	5244	5308	5373	5437	5503	5567
23		5631	5696	5760	5825	5889	5954	6019	6083	6148	6212
24		6277	6342	6406	6471	6535	6600	6665	6729	6794	6858
25		6923	6987	7052	7117	7181	7246	7310	7375	7439	7504
26		7568	7633	7697	7762	7827	7891	7956	8021	8085	8150
27		8214	8279	8343	8408	8473	8537	8602	8666	8731	8795
28		8860	8924	8989	9053	9118	9183	9247	9312	9376	9441
29		9505	9570	9634	9699	9763	9828	9893	9957	0022	0086
80	828	0151	0215	0280	0344	0409	0473	0538	0602	0667	0731
8731		0796	0860	0925	0989	1054	1119	1183	1248	1312	1377
32		1441	1506	1570	1635	1699	1764	1828	1893	1957	2022
33		2088	2151	2216	2280	2344	2409	2473	2538	2602	2667
34		2731	2796	2860	2925	2989	3054	3118	3183	3247	3312
35		3376	3440	3505	3569	3634	3698	3763	3827	3892	3956
36		4021	4085	4150	4214	4279	4343	4408	4472	4537	4601
37		4665	4730	4794	4859	4923	4988	5052	5117	5181	5246
38		5310	5375	5439	5503	5568	5632	5697	5761	5826	5890
39		5955	6019	6083	6148	6212	6277	6341	6406	6470	6535
40		6599	6663	6728	6792	6857	6921	6986	7050	7114	7179
6741		7243	7308	7372	7437	7501	7565	7630	7694	7759	7823
42		7887	7952	8016	8081	8145	8210	8274	8339	8403	8467
43		8532	8596	8660	8725	8789	8854	8918	8983	9047	9111
44		9178	9242	9306	9371	9435	9499	9564	9628	9693	9757
45		9820	9884	9948	0013	0077	0141	0206	0270	0335	0399
46	829	0483	0548	0612	0676	0741	0805	0869	0934	0998	1063
47		1107	1171	1236	1300	1365	1429	1493	1558	1622	1687
48		1751	1815	1879	1944	2008	2073	2137	2201	2266	2330
49		2394	2459	2523	2587	2652	2716	2780	2845	2909	2974
8750		3038	3102	3166	3231	3295	3359	3424	3488	3552	3617

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6750	829 3038	3102	3166	3231	3295	3359	3424	3488	3552	3617	
51	3681	3745	3810	3874	3938	4003	4067	4131	4196	4260	
52	4324	4389	4453	4517	4582	4646	4710	4775	4839	4903	
53	4967	5032	5096	5160	5225	5289	5353	5418	5482	5546	
54	5611	5676	5739	5803	5868	5932	5996	6061	6125	6189	
55	6254	6318	6382	6446	6511	6575	6639	6704	6768	6832	
56	6896	6961	7025	7089	7154	7218	7282	7346	7411	7475	
57	7539	7603	7668	7732	7796	7861	7925	7989	8053	8118	
58	8182	8246	8310	8375	8439	8503	8567	8632	8696	8760	
59	8824	8889	8953	9017	9081	9146	9210	9274	9338	9403	
60	9467	9531	9595	9660	9724	9788	9852	9917	9981	0045	
6761	830 0109	0174	0238	0302	0366	0431	0495	0559	0623	0687	
62	0752	0816	0880	0944	1009	1073	1137	1201	1265	1330	
63	1394	1458	1522	1587	1651	1715	1779	1843	1908	1972	
64	2036	2100	2164	2229	2293	2357	2421	2485	2550	2614	
65	2678	2742	2806	2871	2935	2999	3063	3127	3192	3256	
66	3320	3384	3448	3512	3577	3641	3705	3769	3833	3898	
67	3962	4026	4090	4154	4218	4283	4347	4411	4475	4539	
68	4604	4668	4732	4796	4860	4924	4988	5053	5117	5181	
69	5245	5309	5373	5438	5502	5566	5630	5694	5758	5823	
70	5887	5951	6015	6079	6143	6207	6272	6336	6400	6464	
6771	6528	6592	6656	6721	6785	6849	6913	6977	7041	7105	
72	7169	7234	7298	7362	7426	7490	7554	7618	7683	7747	
73	7811	7875	7939	8003	8067	8131	8195	8260	8324	8388	
74	8452	8516	8580	8644	8708	8772	8837	8901	8965	9029	
75	9093	9157	9221	9285	9349	9413	9478	9542	9606	9670	
76	9734	9798	9862	9926	9990	0054	0119	0183	0247	0311	
77	831 0375	0439	0503	0567	0631	0695	0759	0823	0887	0952	
78	1016	1080	1144	1208	1272	1336	1400	1464	1528	1592	
79	1656	1720	1784	1849	1913	1977	2041	2105	2169	2233	
80	2297	2361	2425	2489	2553	2617	2681	2745	2809	2873	
6781	2937	3001	3066	3130	3194	3258	3322	3386	3450	3514	
82	3578	3642	3706	3770	3834	3898	3962	4026	4090	4154	
83	4218	4282	4346	4410	4474	4538	4602	4666	4730	4794	
84	4858	4922	4986	5050	5114	5178	5242	5306	5371	5435	
85	5499	5563	5627	5691	5755	5819	5883	5947	6011	6075	
86	6139	6203	6267	6331	6395	6459	6523	6587	6651	6715	
87	6778	6842	6906	6970	7034	7098	7162	7226	7290	7354	
88	7418	7482	7546	7610	7674	7738	7802	7866	7930	7994	
89	8058	8122	8186	8250	8314	8378	8442	8506	8570	8634	
90	8698	8762	8826	8890	8954	9018	9081	9145	9209	9273	
6791	9337	9401	9465	9529	9593	9657	9721	9785	9849	9913	
92	9977	0041	0105	0169	0233	0296	0360	0424	0488	0552	
93	832 0616	0680	0744	0808	0872	0936	1000	1064	1128	1192	
94	1255	1319	1383	1447	1511	1575	1639	1703	1767	1831	
95	1895	1959	2023	2086	2150	2214	2278	2342	2406	2470	
96	2534	2598	2662	2725	2789	2853	2917	2981	3045	3109	
97	3173	3237	3300	3364	3428	3492	3556	3620	3684	3748	
98	3812	3875	3939	4003	4067	4131	4195	4259	4323	4387	
99	4450	4514	4578	4642	4706	4770	4834	4898	4961	5025	
6800	5089	5153	5217	5281	5345	5408	5472	5536	5600	5664	

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8800	8325089	8153	8217	8281	8345	8408	8472	8536	8600	8664	
01	5728	5792	5855	5919	5983	6047	6111	6175	6239	6302	
02	6366	6430	6494	6558	6622	6686	6749	6813	6877	6941	
03	7005	7069	7132	7196	7260	7324	7388	7452	7515	7579	
04	7643	7707	7771	7835	7898	7962	8026	8090	8154	8217	
05	8281	8345	8409	8473	8537	8600	8664	8728	8792	8856	
06	8918	8983	9047	9111	9175	9238	9302	9366	9430	9494	
07	9558	9621	9685	9749	9813	9877	9940	0004	0068	0132	
08	8330195	0259	0323	0387	0451	0514	0578	0642	0706	0770	
09	0833	0697	0981	1025	1088	1152	1216	1280	1344	1407	
10	1471	1535	1599	1662	1726	1790	1854	1918	1981	2045	
6811	2109	2173	2238	2300	2364	2428	2481	2555	2619	2683	
12	2746	2810	2874	2938	3001	3065	3129	3193	3256	3320	
13	3384	3448	3511	3575	3639	3703	3766	3830	3894	3958	
14	4021	4085	4149	4212	4276	4340	4404	4467	4531	4595	
15	4659	4722	4786	4850	4913	4977	5041	6105	8168	6232	
16	5296	6360	3423	6487	5551	5614	5678	6742	5806	5869	
17	5933	5997	6060	6124	6188	6251	6315	6379	6443	6506	
18	6570	6634	6697	6761	6825	6888	6952	7016	7080	7143	
19	7207	7271	7334	7398	7462	7525	7589	7653	7716	7780	
20	7844	7907	7971	8035	8098	8162	8226	8289	8353	8417	
6621	8480	8544	8608	8672	8735	8798	8862	8926	8990	9053	
22	9117	9181	9244	9308	9372	9435	9499	9563	9626	9690	
23	9754	9817	9881	9945	0008	0072	0135	0199	0263	0327	
24	8340390	0454	0517	0581	0645	0709	0772	0836	0899	0963	
25	1027	1090	1154	1217	1281	1345	1408	1472	1536	1599	
26	1663	1726	1790	1854	1917	1981	2045	2108	2172	2235	
27	2299	2363	2426	2490	2553	2617	2681	2744	2808	2872	
28	2935	2999	3062	3126	3190	3253	3317	3380	3444	3508	
29	3571	3635	3698	3762	3826	3889	3953	4016	4080	4143	
30	4207	4271	4334	4398	4461	4525	4589	4652	4716	4779	
6831	4643	4906	4970	5034	5097	5161	5224	5288	5351	5415	
32	5479	5542	5606	5669	5733	5796	5860	5924	5987	6051	
33	6114	6178	6241	6305	6368	6432	6496	6559	6623	6686	
34	6750	6813	6877	6940	7004	7067	7131	7195	7258	7322	
35	7385	7449	7512	7576	7639	7703	7766	7830	7893	7957	
36	8021	8084	8148	8211	8275	8338	8402	8465	8529	8592	
37	8658	8721	8785	8848	8912	8975	9039	9102	9166	9229	
38	9291	9354	9418	9481	9545	9608	9672	9736	9799	9863	
39	9926	9990	0053	0117	0180	0244	0307	0371	0434	0498	
40	8350561	0825	0888	0951	0815	0878	0942	1005	1069	1132	
6841	1196	1259	1323	1386	1450	1513	1577	1640	1704	1767	
42	1831	1894	1958	2021	2085	2148	2212	2275	2338	2402	
43	2465	2529	2592	2656	2719	2783	2846	2910	2973	3037	
44	3100	3163	3227	3290	3354	3417	3481	3544	3608	3671	
45	3735	3798	3861	3925	3988	4052	4115	4179	4242	4306	
46	4369	4432	4496	4559	4623	4686	4750	4813	4877	4940	
47	5003	5067	5130	5194	5257	5320	5384	5447	5511	5574	
48	5638	5701	5764	5828	5891	5955	6018	6081	6145	6208	
49	6272	6335	6398	6462	6525	6589	6652	6716	6779	6842	
8850	8906	8969	7033	7096	7159	7223	7286	7349	7412	7476	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6850	835 6906	6969	7033	7096	7159	7223	7286	7349	7413	7476	
61	7540	7603	7666	7730	7793	7857	7920	7983	8047	8110	
62	8174	8237	8300	8364	8427	8490	8554	8617	8681	8744	
63	8807	8871	8934	8997	9061	9124	9188	9251	9314	9378	
64	9441	9504	9568	9631	9694	9758	9821	9885	9948	0011	
65	836 0075	0138	0201	0265	0328	0391	0455	0518	0581	0645	
66	0708	0771	0835	0898	0961	1025	1088	1151	1215	1278	
67	1341	1405	1468	1531	1595	1658	1721	1785	1848	1911	
68	1975	2038	2101	2165	2228	2291	2355	2418	2481	2545	
69	2608	2671	2735	2798	2861	2925	2988	3051	3115	3178	
60	3241	3304	3368	3431	3494	3558	3621	3684	3748	3811	
6561	3874	3937	4001	4064	4127	4191	4254	4317	4381	4444	
62	4507	4570	4634	4697	4760	4824	4887	4950	5013	5077	
63	5140	5203	5267	5330	5393	5456	5520	5583	5646	5709	
64	5773	5836	5899	5963	6026	6089	6152	6216	6279	6342	
65	6405	6469	6532	6595	6658	6722	6785	6848	6911	6975	
66	7038	7101	7164	7228	7291	7354	7417	7481	7544	7607	
67	7670	7734	7797	7860	7923	7987	8050	8113	8176	8240	
68	8303	8366	8429	8493	8556	8619	8682	8745	8809	8872	
69	8936	8999	9062	9125	9188	9251	9314	9378	9441	9504	
70	9567	9631	9694	9757	9820	9883	9947	0010	0073	0136	
6871	837 0199	0263	0326	0389	0452	0516	0579	0642	0705	0768	63
72	0832	0895	0958	1021	1084	1147	1211	1274	1337	1400	1 6
73	1463	1527	1590	1653	1716	1779	1843	1906	1969	2032	2 18
74	2095	2158	2222	2285	2348	2411	2474	2538	2601	2664	3 19
75	2727	2790	2853	2917	2980	3043	3106	3169	3232	3296	4 25
76	3359	3422	3485	3548	3611	3674	3738	3801	3864	3927	5 32
77	3990	4053	4117	4180	4243	4306	4369	4432	4495	4559	6 38
78	4622	4685	4748	4811	4874	4937	5001	5064	5127	5190	7 44
79	5253	5316	5379	5442	5506	5569	5632	5695	5758	5821	8 50
80	5884	5948	6011	6074	6137	6200	6263	6326	6389	6452	9 57
6881	6516	6579	6642	6705	6768	6831	6894	6957	7020	7084	
82	7147	7210	7273	7336	7399	7462	7525	7588	7652	7715	
83	7778	7841	7904	7967	8030	8093	8156	8219	8282	8346	
84	8409	8472	8535	8598	8661	8724	8787	8850	8913	8976	
85	9039	9103	9166	9229	9292	9355	9418	9481	9544	9607	
86	9670	9733	9796	9859	9922	9986	0049	0112	0175	0238	
87	838 0301	0364	0427	0490	0553	0616	0679	0742	0805	0868	
88	0931	0994	1057	1121	1184	1247	1310	1373	1436	1499	
89	1562	1625	1688	1751	1814	1877	1940	2003	2066	2129	
90	2192	2255	2318	2381	2444	2507	2570	2633	2696	2759	
6891	2822	2886	2949	3012	3075	3138	3201	3264	3327	3390	
92	3453	3516	3579	3642	3705	3768	3831	3894	3957	4020	
93	4083	4146	4209	4272	4335	4398	4461	4524	4587	4650	
94	4713	4776	4839	4902	4965	5028	5091	5154	5217	5280	
95	5343	5406	5469	5532	5595	5658	5721	5784	5847	5910	
96	5973	6036	6098	6161	6224	6287	6350	6413	6476	6539	
97	6602	6665	6728	6791	6854	6917	6980	7043	7106	7169	
98	7232	7295	7358	7421	7484	7547	7610	7673	7736	7798	
99	7861	7924	7987	8050	8113	8176	8239	8302	8365	8428	
6900	8491	8554	8617	8680	8743	8806	8869	8931	8994	9057	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
6900	838	8491	8554	8617	8680	8743	8806	8869	8931	8994	9057
01		9120	9183	9246	9309	9372	9435	9498	9561	9624	9687
02		9750	9812	9875	9938	9991	9954	9917	9880	9843	9806
03	839	0379	0442	0505	0567	0630	0693	0756	0819	0882	0945
04		1008	1071	1134	1197	1259	1322	1385	1448	1511	1574
05		1637	1700	1763	1826	1888	1951	2014	2077	2140	2203
06		2266	2329	2392	2454	2517	2580	2643	2706	2769	2832
07		2895	2957	3020	3083	3146	3209	3272	3335	3398	3460
08		3523	3586	3649	3712	3775	3838	3900	3963	4026	4089
09		4162	4216	4278	4341	4403	4466	4529	4592	4655	4718
10		4780	4843	4906	4969	5032	6095	6158	6220	6283	6346
6911		5409	6472	6535	6597	6660	6723	6786	6849	6912	6974
12		6037	6100	6163	6226	6289	6351	6414	6477	6540	6603
13		6666	6728	6791	6854	6917	6980	7043	7105	7168	7231
14		7294	7357	7419	7482	7546	7608	7671	7735	7798	7859
15		7922	7985	8047	8110	8173	8236	8299	8361	8424	8487
16		8550	8613	8676	8738	8801	8864	8927	8989	9052	9116
17		9178	9241	9303	9366	9429	9492	9554	9617	9680	9743
18		9806	9868	9931	9994	0057	0119	0182	0245	0308	0371
19	840	0433	0496	0559	0622	0684	0747	0810	0873	0935	0998
20		1061	1124	1188	1249	1312	1375	1437	1500	1563	1626
6921		1686	1761	1814	1877	1939	2002	2065	2128	2190	2255
22		2316	2379	2441	2504	2567	2630	2692	2755	2816	2881
23		2943	3006	3069	3132	3194	3257	3320	3382	3445	3508
24		3571	3633	3696	3759	3821	3884	3947	4010	4072	4135
25		4198	4260	4323	4386	4449	4511	4574	4637	4699	4762
26		4825	4888	4950	5013	5076	5138	5201	5264	5326	5389
27		5452	5515	5577	5640	5703	5765	5828	5891	5953	6016
28		6079	6141	6204	6267	6330	6392	6455	6518	6580	6643
29		6706	6768	6831	6894	6956	7019	7082	7144	7207	7270
30		7332	7395	7458	7520	7583	7646	7708	7771	7834	7896
6931		7959	8022	8084	8147	8210	8272	8335	8398	8460	8523
32		8586	8648	8711	8773	8836	8899	8961	9024	9087	9149
33		9212	9275	9337	9400	9463	9525	9588	9650	9713	9776
34		9838	9901	9964	0026	0089	0152	0214	0277	0339	0402
35	841	0466	0527	0590	0653	0715	0778	0840	0903	0966	1028
36		1091	1153	1216	1279	1341	1404	1467	1529	1592	1654
37		1717	1780	1842	1905	1967	2030	2093	2155	2218	2280
38		2343	2406	2468	2531	2593	2656	2719	2781	2844	2906
39		2969	3031	3094	3157	3219	3282	3344	3407	3470	3532
40		3595	3657	3720	3782	3845	3908	3970	4033	4095	4158
6941		4220	4283	4346	4408	4471	4533	4596	4658	4721	4784
42		4846	4909	4971	5034	6098	5160	6221	6284	6347	6409
43		6472	6534	6597	6659	6722	5784	6847	6909	6972	6035
44		6097	6160	6222	6285	6347	6410	6472	6535	6597	6660
45		6728	6785	6848	6910	6973	7035	7098	7160	7223	7285
46		7348	7410	7473	7535	7598	7660	7723	7785	7848	7910
47		7878	8036	8098	8161	8223	8286	8348	8411	8473	8536
48		8598	8661	8723	8786	8848	8911	8973	9036	9098	9161
49		9223	9286	9348	9411	9473	9536	9598	9661	9723	9786
6950		9848	9911	9976	0038	0098	0160	0223	0285	0348	0410

No.	0	1	2	3	4	5	6	7	8	9	Diff.
6950	8419848	9911	9973	0030	0098	0160	0223	0285	0348	0410	
51	8420473	0535	0598	0660	0723	0785	0848	0910	0973	1035	
52	1098	1160	1223	1285	1348	1410	1472	1535	1597	1660	
53	1722	1785	1847	1910	1972	2035	2097	2160	2222	2284	
54	2347	2409	2472	2534	2597	2659	2722	2784	2846	2909	
55	2971	3034	3096	3159	3221	3284	3346	3408	3471	3533	
56	3596	3658	3721	3783	3845	3908	3970	4033	4095	4158	
57	4220	4282	4345	4407	4470	4532	4595	4657	4719	4782	
58	4814	4907	4969	5031	5094	5156	5219	5281	5344	5406	
59	5468	5531	5593	5656	5718	5780	5843	5905	5968	6030	
60	6092	6155	6217	6280	6342	6404	6467	6529	6592	6654	
6961	6716	6779	6841	6904	6966	7028	7091	7153	7215	7278	
62	7340	7403	7465	7527	7590	7652	7714	7777	7839	7902	
63	7964	8026	8089	8151	8213	8276	8338	8401	8463	8525	
64	8588	8650	8712	8775	8837	8899	8962	9024	9086	9149	
65	9211	9274	9336	9398	9461	9523	9585	9648	9710	9772	
66	9835	9897	9959	0022	0084	0146	0209	0271	0333	0396	
67	8430458	0520	0583	0645	0707	0770	0832	0894	0957	1019	
68	1081	1144	1206	1268	1331	1393	1455	1518	1580	1642	
69	1705	1767	1829	1892	1954	2016	2079	2141	2203	2265	
70	2328	2390	2452	2515	2577	2639	2702	2764	2826	2889	
6971	2951	3013	3075	3138	3200	3262	3325	3387	3449	3511	
72	3574	3636	3698	3761	3823	3885	3948	4010	4072	4134	
73	4197	4259	4321	4383	4446	4508	4570	4633	4695	4757	
74	4819	4882	4944	5006	5069	5131	5193	5255	5318	5380	
75	5442	5504	5567	5629	5691	5753	5816	5878	5940	6002	
76	6065	6127	6189	6251	6314	6376	6438	6500	6563	6625	
77	6687	6749	6812	6874	6936	6998	7061	7123	7185	7247	
78	7310	7372	7434	7496	7559	7621	7683	7745	7808	7870	
79	7932	7994	8056	8119	8181	8243	8305	8368	8430	8492	
80	8554	8616	8679	8741	8803	8865	8928	8990	9052	9114	
6981	9176	9239	9301	9363	9425	9487	9550	9612	9674	9736	
82	9798	9861	9923	9985	0047	0109	0172	0234	0296	0358	
83	8440420	0483	0545	0607	0669	0731	0794	0856	0918	0980	
84	1042	1104	1167	1229	1291	1353	1415	1478	1540	1602	
85	1664	1726	1788	1851	1913	1975	2037	2099	2161	2224	
86	2286	2348	2410	2472	2534	2597	2659	2721	2783	2845	
87	2907	2970	3032	3094	3156	3218	3280	3343	3405	3467	
88	3529	3591	3653	3715	3778	3840	3902	3964	4026	4088	
89	4150	4213	4275	4337	4399	4461	4523	4585	4647	4710	
90	4772	4834	4896	4958	5020	5082	5145	5207	5269	5331	
6991	5393	5455	5517	5579	5642	5704	5766	5828	5890	5952	
92	6014	6076	6138	6201	6263	6325	6387	6449	6511	6573	
93	6635	6697	6759	6822	6884	6946	7008	7070	7132	7194	
94	7256	7318	7380	7443	7505	7567	7629	7691	7753	7815	
95	7877	7939	8001	8063	8126	8188	8250	8312	8374	8436	
96	8498	8560	8622	8684	8746	8808	8870	8933	8995	9057	
97	9119	9181	9243	9305	9367	9429	9491	9553	9615	9677	
98	9739	9801	9863	9926	9988	0050	0112	0174	0236	0298	
99	8450360	0422	0484	0546	0608	0670	0732	0794	0856	0918	
7000	0980	1042	1104	1167	1229	1291	1353	1415	1477	1539	

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No	0	1	2	3	4	5	6	7	8	9	Dist
7000	6450980	1042	1104	1167	1229	1291	1353	1416	1477	1539	
01	1601	1663	1725	1787	1849	1911	1973	2035	2097	2159	
02	2221	2283	2345	2407	2469	2531	2593	2655	2717	2779	
03	2841	2903	2965	3027	3089	3151	3213	3275	3337	3399	
04	3461	3523	3585	3647	3709	3771	3833	3895	3957	4019	
05	4081	4143	4205	4267	4329	4391	4453	4515	4577	4639	
06	4701	4763	4825	4887	4949	5011	5073	5135	5197	5259	
07	5321	5383	5445	5507	5569	5631	5693	5755	5817	5879	
08	5941	6003	6065	6127	6189	6251	6313	6375	6437	6499	
09	6561	6623	6685	6747	6809	6870	6932	6994	7056	7118	
10	7180	7242	7304	7366	7428	7490	7552	7614	7676	7738	
7011	7600	7662	7724	7786	8047	8109	8171	8233	8295	8357	
12	8419	8481	8543	8605	8667	8729	8791	8853	8915	8977	
13	9036	0100	0162	0224	0286	9346	0410	0472	0534	0596	
14	9658	9720	0781	0843	0905	9967	0029	0091	0153	0215	
15	8450277	0339	0401	0463	0524	0586	0648	0710	0772	0834	
16	0896	0958	1020	1082	1143	1205	1267	1329	1391	1453	
17	1515	1577	1639	1700	1762	1824	1885	1946	2010	2072	
18	2134	2196	2257	2319	2381	2443	2505	2567	2629	2691	
19	2752	2814	2876	2938	3000	3062	3124	3185	3247	3309	
20	3371	3433	3495	3557	3619	3680	3742	3804	3866	3928	
7021	3990	4052	4113	4175	4237	4299	4361	4423	4485	4546	
22	4608	4670	4732	4794	4856	4917	4979	5041	5103	5165	
23	5227	5289	5350	5412	5474	5536	5598	5659	5721	5783	
24	5845	5907	5969	6031	6092	6154	6215	6278	6340	6401	
25	6463	6525	6587	6649	6711	6772	6834	6895	6957	7020	
26	7081	7143	7205	7267	7329	7391	7452	7514	7576	7639	
27	7700	7761	7823	7885	7947	8009	8070	8132	8194	8256	
28	8316	8378	8441	8503	8565	8625	8688	8750	8812	8874	
29	8935	8997	9059	9121	9183	9244	9306	9368	9430	9491	
30	9553	9615	9677	9739	9800	9862	9924	9986	0047	0109	
7031	8470171	0233	0295	0358	0418	0480	0542	0603	0665	0727	
32	0789	0850	0912	0974	1036	1097	1159	1221	1283	1344	
33	1406	1468	1530	1591	1653	1715	1777	1838	1900	1962	
34	2024	2085	2147	2209	2271	2332	2394	2455	2518	2579	
35	2641	2703	2764	2826	2888	2950	3011	3073	3135	3197	
36	3258	3320	3382	3443	3505	3567	3629	3690	3752	3814	
37	3876	3937	3999	4061	4122	4184	4246	4307	4369	4431	
38	4493	4554	4616	4678	4739	4801	4863	4925	4986	5048	
39	5110	5171	5233	5295	5356	5418	5480	5542	5603	5665	
40	5727	5788	5850	5912	5973	6035	6097	6158	6220	6282	
7041	6345	6405	6467	6528	6590	6652	6714	6775	6837	6899	
42	6960	7022	7084	7145	7207	7269	7330	7392	7454	7515	
43	7577	7639	7700	7762	7824	7885	7947	8009	8070	8132	
44	8193	8255	8317	8378	8440	8502	8563	8625	8687	8748	
45	8810	8872	8933	8995	9057	9118	9180	9241	9303	9365	
46	9426	9488	9550	9611	9673	9735	9796	9858	9919	9981	
47	8480043	0104	0165	0228	0289	0351	0412	0474	0536	0597	
48	0659	0721	0782	0844	0905	0967	1029	1090	1152	1213	
49	1275	1337	1398	1460	1522	1583	1645	1706	1768	1830	
7050	1691	1753	1814	1876	1938	2000	2061	2123	2184	2246	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
7050	848	1891	1953	2014	2076	2138	2199	2261	2322	2384	2446
61		2507	2569	2630	2692	2754	2815	2877	2938	3000	3061
62		3123	3185	3246	3308	3369	3431	3493	3554	3616	3677
63		3739	3800	3862	3924	3985	4047	4108	4170	4231	4293
64		4355	4416	4478	4539	4601	4662	4724	4786	4847	4909
65		4970	5032	5093	5155	5216	5278	5340	5401	5463	5524
66		5586	5647	5709	5770	5832	5893	5955	6017	6078	6140
67		6201	6263	6324	6386	6447	6509	6570	6632	6693	6755
68		6817	6878	6940	7001	7063	7124	7186	7247	7309	7370
69		7432	7493	7555	7616	7678	7739	7801	7862	7924	7985
60		8047	8109	8170	8232	8293	8355	8416	8478	8539	8601
7061		8662	8724	8785	8847	8908	8970	9031	9093	9154	9216
62		9277	9339	9400	9462	9523	9585	9646	9708	9769	9831
63		9892	9954	0015	0077	0138	0199	0261	0322	0384	0445
64	849	0507	0568	0630	0691	0753	0814	0876	0937	0999	1060
65		1122	1183	1245	1306	1368	1429	1490	1552	1613	1675
66		1736	1798	1859	1921	1982	2044	2105	2167	2228	2289
67		2351	2412	2474	2535	2597	2658	2720	2781	2843	2904
68		2965	3027	3088	3150	3211	3273	3334	3396	3457	3518
69		3580	3641	3703	3764	3826	3887	3948	4010	4071	4133
70		4194	4256	4317	4378	4440	4501	4563	4624	4686	4747
7071		4808	4870	4931	4993	5054	5115	5177	5238	5300	5361
72		5423	5484	5546	5607	5668	5730	5791	5852	5914	5975
73		6037	6098	6159	6221	6282	6344	6405	6466	6528	6589
74		6651	6712	6773	6835	6896	6958	7019	7080	7142	7203
75		7264	7326	7387	7449	7510	7571	7633	7694	7755	7817
76		7878	7940	8001	8062	8124	8185	8246	8308	8369	8431
77		8492	8553	8615	8676	8737	8799	8860	8922	8983	9044
78		9106	9167	9228	9290	9351	9412	9474	9535	9596	9658
79		9719	9780	9842	9903	9965	0026	0087	0149	0210	0271
80	850	0333	0394	0455	0517	0578	0639	0701	0762	0823	0885
7081		0946	1007	1069	1130	1191	1253	1314	1375	1437	1498
82		1559	1621	1682	1743	1805	1866	1927	1988	2050	2111
83		2173	2234	2295	2356	2418	2479	2540	2602	2663	2724
84		2786	2847	2908	2969	3031	3092	3153	3215	3276	3337
85		3399	3460	3521	3582	3644	3705	3766	3828	3889	3950
86		4011	4073	4134	4195	4257	4318	4379	4440	4502	4563
87		4624	4686	4747	4808	4869	4931	4992	5053	5115	5176
88		5237	5298	5360	5421	5482	5543	5605	5666	5727	5788
89		5850	5911	5972	6034	6095	6156	6217	6279	6340	6401
90		6462	6524	6585	6646	6707	6769	6830	6891	6952	7014
7091		7075	7136	7197	7259	7320	7381	7442	7504	7565	7626
92		7687	7749	7810	7871	7932	7993	8055	8116	8177	8238
93		8300	8361	8422	8483	8545	8606	8667	8728	8789	8851
94		8912	8973	9034	9095	9157	9218	9279	9340	9402	9463
95		9524	9585	9646	9708	9769	9830	9891	9952	0014	0075
96	851	0136	0197	0258	0320	0381	0442	0503	0564	0626	0687
97		0748	0809	0870	0932	0993	1054	1115	1176	1238	1299
98		1360	1421	1482	1544	1605	1666	1727	1788	1849	1911
99		1972	2033	2094	2155	2216	2278	2339	2400	2461	2522
7100		2583	2645	2706	2767	2828	2889	2950	3012	3073	3134

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
7100	851 2583	2545	2708	2767	2828	2589	2950	3012	3073	3134	
01	3195	3256	3317	3379	3440	3501	3552	3623	3684	3746	
02	3807	3858	3929	3990	4051	4112	4174	4235	4296	4357	
03	4418	4479	4540	4602	4663	4724	4785	4846	4907	4968	
04	5030	5091	5152	5213	5274	5335	5396	5457	5519	5580	
05	5641	5702	5763	5824	5885	5946	6008	6069	6130	6191	
06	5252	6313	6374	6435	6496	6555	6519	6680	6741	6802	
07	6863	6924	6985	7046	7108	7169	7230	7291	7352	7413	
08	7474	7535	7596	7657	7719	7780	7841	7902	7963	8024	
09	8085	8146	8207	8268	8329	8391	8452	8513	8574	8635	
10	8696	8757	8818	8879	8940	9001	9062	9124	9185	9246	
7111	9307	9368	9429	9490	9551	9612	9673	9734	9795	9856	
12	9917	9979	0040	0101	0162	0223	0284	0345	0406	0467	
13	852 0528	0589	0650	0711	0772	0833	0894	0955	1017	1078	
14	1139	1200	1261	1322	1383	1444	1505	1565	1627	1688	
15	1749	1810	1871	1932	1993	2054	2115	2176	2237	2298	
16	2359	2420	2481	2542	2604	2665	2726	2787	2848	2909	
17	2970	3031	3092	3153	3214	3275	3336	3397	3458	3519	
18	3580	3641	3702	3763	3824	3885	3945	4007	4068	4129	
19	4190	4251	4312	4373	4434	4495	4556	4617	4678	4739	
20	4800	4861	4922	4983	5044	5105	5166	5227	5288	5349	
7121	8410	8471	8532	8593	8654	8715	8776	8837	8898	8959	
22	9020	9081	9142	9203	9264	9325	9386	9447	9508	9569	
23	9629	9690	9751	9812	9873	9934	9995	7056	7117	7178	
24	7239	7300	7361	7422	7483	7544	7605	7666	7727	7788	
25	7849	7910	7971	8032	8093	8153	8214	8275	8336	8397	
26	8458	8519	8580	8641	8702	8763	8824	8885	8946	9007	
27	9068	9129	9189	9250	9311	9372	9433	9494	9555	9616	
28	9677	9738	9799	9860	9921	9982	0042	0103	0164	0225	
29	853 0286	0347	0408	0469	0530	0591	0652	0713	0774	0835	
30	0895	0956	1017	1078	1139	1200	1261	1322	1383	1443	
7131	1504	1565	1626	1687	1748	1809	1870	1931	1992	2053	
32	2113	2174	2235	2296	2357	2418	2479	2540	2600	2661	
33	2722	2783	2844	2905	2966	3027	3088	3148	3209	3270	
34	3331	3392	3453	3514	3575	3635	3696	3757	3818	3879	
35	3940	4001	4062	4122	4183	4244	4305	4365	4427	4488	
36	4548	4609	4670	4731	4792	4853	4914	4974	5035	5096	
37	5157	5218	5279	5340	5400	5461	5522	5583	5644	5705	
38	5765	5825	5887	5948	6009	6070	6130	6191	6252	6313	
39	6374	6435	6495	6556	6617	6678	6739	6800	6860	6921	
40	6982	7043	7104	7165	7225	7286	7347	7408	7469	7530	
7141	7590	7651	7712	7773	7834	7894	7955	8016	8077	8138	
42	8198	8259	8320	8381	8442	8502	8563	8624	8685	8746	
43	8807	8867	8928	8989	9050	9110	9171	9232	9293	9354	
44	9414	9473	9536	9597	9658	9718	9779	9840	9901	9962	
45	854 0022	0083	0144	0205	0263	0328	0387	0448	0509	0569	
46	0630	0691	0752	0812	0873	0934	0995	1056	1116	1177	
47	1238	1299	1359	1420	1481	1542	1602	1663	1724	1785	
48	1845	1906	1967	2028	2088	2149	2210	2271	2331	2392	
49	2453	2514	2574	2635	2696	2757	2817	2878	2939	3000	
7150	3060	3121	3182	3243	3303	3364	3425	3485	3546	3607	

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No.	0	1	2	3	4	5	6	7	8	9	Diff
7150	854	3060	3121	3182	3243	3303	3364	3425	3486	3546	3607
51		3668	3729	3789	3850	3911	3971	4032	4093	4154	4214
52		4275	4336	4397	4457	4518	4579	4639	4700	4761	4822
53		4882	4943	5004	5064	5125	5186	5247	5307	5368	5429
54		5489	5550	5611	5671	5732	5793	5854	5914	5975	6036
55		6096	6157	6218	6278	6339	6400	6461	6521	6582	6643
56		6703	6764	6825	6885	6946	7007	7067	7128	7189	7249
57		7310	7371	7432	7492	7553	7614	7674	7735	7796	7856
58		7917	7978	8038	8099	8160	8220	8281	8342	8402	8463
59		8524	8584	8645	8706	8766	8827	8888	8948	9009	9070
60		9130	9191	9252	9312	9373	9433	9494	9555	9615	9676
7161		9737	9797	9858	9919	9979	0040	0101	0161	0222	0283
62	855	0343	0404	0464	0525	0586	0646	0707	0768	0828	0889
63		0950	1010	1071	1131	1192	1253	1313	1374	1435	1495
64		1556	1616	1677	1738	1798	1859	1919	1980	2041	2101
65		2162	2223	2283	2344	2404	2465	2526	2586	2647	2707
66		2768	2829	2889	2950	3010	3071	3132	3192	3253	3313
67		3374	3435	3495	3556	3616	3677	3738	3798	3859	3919
68		3980	4041	4101	4162	4222	4283	4343	4404	4465	4525
69		4586	4646	4707	4768	4828	4889	4949	5010	5070	5131
70		5192	5252	5313	5373	5434	5494	5555	5616	5676	5737
7171		5797	5858	5918	5979	6039	6100	6161	6221	6282	6342
72		6403	6463	6524	6584	6645	6706	6766	6827	6887	6948
73		7008	7069	7129	7190	7250	7311	7372	7432	7493	7553
74		7614	7674	7735	7795	7856	7916	7977	8037	8098	8159
75		8219	8280	8340	8401	8461	8522	8582	8643	8703	8764
76		8824	8885	8945	9006	9066	9127	9187	9248	9308	9369
77		9429	9490	9550	9611	9672	9732	9793	9853	9914	9974
78	856	0035	0095	0156	0216	0277	0337	0398	0458	0519	0579
79		0640	0700	0761	0821	0882	0942	1002	1063	1123	1184
80		1244	1305	1365	1426	1486	1547	1607	1668	1728	1789
7181		1849	1910	1970	2031	2091	2152	2212	2273	2333	2394
82		2454	2514	2575	2635	2696	2756	2817	2877	2938	2998
83		3059	3119	3180	3240	3301	3361	3421	3482	3542	3603
84		3663	3724	3784	3845	3905	3965	4026	4086	4147	4207
85		4268	4328	4389	4449	4509	4570	4630	4691	4751	4812
86		4872	4933	4993	5053	5114	5174	5235	5295	5356	5416
87		5476	5537	5597	5658	5718	5779	5839	5899	5960	6020
88		6081	6141	6202	6262	6322	6383	6443	6504	6564	6624
89		6685	6745	6806	6866	6926	6987	7047	7108	7168	7229
90		7289	7349	7410	7470	7531	7591	7651	7712	7772	7832
7191		7893	7953	8014	8074	8134	8195	8255	8316	8376	8436
92		8497	8557	8618	8678	8738	8799	8859	8919	8980	9040
93		9101	9161	9221	9282	9342	9402	9463	9523	9584	9644
94		9704	9765	9825	9885	9946	0006	0067	0127	0187	0248
95	857	0308	0368	0429	0489	0549	0610	0670	0730	0791	0851
96		0912	0972	1032	1093	1153	1213	1274	1334	1394	1455
97		1515	1575	1636	1696	1756	1817	1877	1937	1998	2058
98		2118	2179	2239	2299	2360	2420	2480	2541	2601	2661
99		2722	2782	2842	2903	2963	3023	3084	3144	3204	3265
7200		3325	3385	3446	3506	3566	3627	3687	3747	3807	3868

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No.	0	1	2	3	4	5	6	7	8	9	Dir.
7200	857 3325	3385	3445	3508	3588	3627	3687	6747	3607	3868	
01	3928	3988	4049	4109	4189	4230	4290	4350	4411	4471	
02	4531	4591	4652	4712	4772	4833	4893	4953	5014	5074	
03	5134	5194	5255	5315	5375	5438	5496	5556	5616	5677	
04	5737	5797	5858	5918	5978	6038	6099	6159	6219	6280	
05	6340	6400	6460	6521	6581	6641	6701	6762	6822	6882	
06	6943	7003	7063	7123	7184	7244	7304	7364	7425	7485	
07	7545	7605	7666	7728	7786	7847	7907	7967	8027	8088	
08	8148	8208	8268	8329	8389	8449	8509	8570	8630	8690	
09	8750	8810	8871	8931	8991	9051	9112	9172	9232	9292	
10	9353	9413	9473	9533	9594	9654	9714	9774	9835	9895	
7211	9955	0015	0075	0136	0196	0256	0316	0377	0437	0497	
12	858 0557	0617	0678	0738	0798	0858	0918	0979	1039	1099	
13	1159	1220	1280	1340	1400	1460	1521	1581	1641	1701	
14	1761	1822	1882	1942	2002	2062	2123	2183	2243	2303	
15	2363	2424	2484	2544	2604	2664	2724	2785	2845	2905	
16	2965	3025	3086	3146	3206	3266	3326	3387	3447	3507	
17	3567	3627	3687	3748	3808	3866	3928	3988	4046	4109	
18	4169	4229	4289	4349	4409	4470	4530	4590	4650	4710	
19	4770	4831	4891	4951	5011	5071	5131	5192	5252	5312	
20	5372	5432	5492	5552	5613	5673	5733	5793	5853	5913	
7221	5976	6034	6094	6154	6214	6274	6334	6394	6455	6515	
22	6575	6635	6695	6755	6815	6875	6936	6996	7056	7116	
23	7176	7236	7296	7357	7417	7477	7537	7597	7657	7717	
24	7777	7837	7898	7958	8018	8078	8138	8198	8258	8318	
25	8379	8439	8499	8559	8619	8679	8739	8799	8859	8919	
26	8980	9040	9100	9160	9220	9280	9340	9400	9460	9520	
27	9581	9641	9701	9761	9821	9881	9941	0001	0061	0121	
28	859 0161	0221	0302	0362	0422	0482	0542	0602	0662	0722	
29	0782	0842	0902	0962	1023	1083	1143	1203	1263	1323	
30	1383	1443	1503	1563	1623	1683	1743	1803	1863	1924	
7231	1984	2044	2104	2164	2224	2284	2344	2404	2464	2524	
32	2584	2644	2704	2764	2824	2884	2944	3005	3065	3125	
33	3185	3245	3305	3365	3425	3485	3545	3605	3666	3725	
34	3785	3845	3905	3965	4025	4085	4145	4205	4265	4325	
35	4385	4445	4505	4565	4625	4685	4746	4806	4866	4926	
36	4986	5046	5106	5166	5226	5286	5346	5406	5466	5526	
37	5586	5646	5706	5766	5826	5886	5946	6006	6066	6126	
38	6186	6246	6306	6366	6426	6486	6546	6606	6666	6726	
39	6786	6846	6906	6966	7026	7086	7146	7206	7266	7326	
40	7386	7446	7506	7566	7626	7686	7746	7806	7866	7925	
7241	7985	8045	8105	8165	8225	8285	8345	8405	8465	8525	
42	8585	8645	8705	8765	8825	8885	8945	9005	9065	9125	
43	9165	9225	9305	9365	9425	9485	9545	9605	9665	9724	
44	9784	9844	9904	9964	0024	0084	0144	0204	0264	0324	
45	860 0384	0444	0504	0564	0624	0684	0744	0803	0863	0923	
46	0983	1043	1103	1163	1223	1283	1343	1403	1463	1523	
47	1583	1643	1703	1763	1823	1883	1943	2003	2063	2123	
48	2183	2242	2302	2362	2422	2481	2541	2601	2661	2721	
49	2781	2841	2901	2961	3021	3081	3140	3200	3260	3320	
7250	3380	3440	3500	3560	3620	3660	6739	3799	8859	3919	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
7250	860 3380	3440	3500	3560	3620	3680	3739	3799	3859	3919	
51	3979	4039	4099	4159	4219	4279	4338	4398	4458	4518	
52	4578	4638	4698	4758	4817	4877	4937	4997	5057	5117	
53	5177	5237	5297	5356	5416	5476	5536	5596	5656	5716	
54	5776	5835	5895	5955	6015	6075	6135	6195	6254	6314	
55	6374	6434	6494	6554	6614	6673	6733	6793	6853	6913	
56	6973	7033	7092	7152	7212	7272	7332	7392	7452	7511	
57	7571	7631	7691	7751	7811	7870	7930	7990	8050	8110	
58	8170	8229	8289	8349	8409	8469	8529	8588	8648	8708	
59	8768	8828	8888	8947	9007	9067	9127	9187	9247	9306	
60	9366	9426	9486	9546	9605	9665	9725	9785	9845	9905	
7261	9964	0024	0084	0144	0204	0263	0323	0383	0443	0503	
62	861 0562	0622	0682	0742	0802	0861	0921	0981	1041	1101	
63	1160	1220	1280	1340	1400	1459	1519	1579	1639	1699	
64	1758	1818	1878	1938	1997	2057	2117	2177	2237	2296	
65	2356	2416	2476	2536	2595	2655	2715	2775	2834	2894	
66	2954	3014	3073	3133	3193	3253	3313	3372	3432	3492	
67	3552	3611	3671	3731	3791	3850	3910	3970	4030	4089	
68	4149	4209	4269	4328	4388	4448	4508	4567	4627	4687	
69	4747	4806	4866	4926	4986	5045	5105	5165	5225	5284	
70	5344	5404	5464	5523	5583	5643	5703	5762	5822	5882	60
7271	5941	6001	6061	6121	6180	6240	6300	6360	6419	6479	1 6
72	6539	6598	6658	6718	6778	6837	6897	6957	7016	7076	2 12
73	7136	7196	7255	7315	7375	7434	7494	7554	7614	7673	3 18
74	7733	7793	7852	7912	7972	8031	8091	8151	8211	8270	4 24
75	8330	8390	8449	8509	8569	8628	8688	8748	8808	8867	5 30
76	8927	8987	9046	9106	9166	9225	9285	9345	9404	9464	6 36
77	9524	9583	9643	9703	9762	9822	9882	9941	0001	0061	7 42
78	862 0121	0180	0240	0300	0359	0419	0479	0538	0598	0658	8 48
79	0717	0777	0837	0896	0956	1016	1075	1135	1194	1254	9 54
80	1314	1373	1433	1493	1552	1612	1672	1731	1791	1851	
7281	1910	1970	2030	2089	2149	2209	2268	2328	2387	2447	
82	2507	2566	2626	2686	2745	2805	2865	2924	2984	3043	
83	3103	3163	3222	3282	3342	3401	3461	3520	3580	3640	
84	3699	3759	3819	3878	3938	3997	4057	4117	4176	4236	
85	4296	4355	4415	4474	4534	4594	4653	4713	4772	4832	
86	4892	4951	5011	5070	5130	5190	5249	5309	5368	5428	
87	5488	5547	5607	5666	5726	5786	5845	5905	5964	6024	
88	6084	6143	6203	6262	6322	6382	6441	6501	6560	6620	
89	6680	6739	6799	6858	6918	6977	7037	7097	7156	7216	
90	7275	7335	7394	7454	7514	7573	7633	7692	7752	7811	
7291	7871	7931	7990	8050	8109	8169	8228	8288	8347	8407	
92	8467	8526	8586	8645	8705	8764	8824	8883	8943	9003	
93	9062	9122	9181	9241	9300	9360	9419	9479	9539	9598	
94	9658	9717	9777	9836	9896	9955	0015	0074	0134	0193	
95	863 0253	0312	0372	0432	0491	0551	0610	0670	0729	0789	
96	0848	0908	0967	1027	1086	1146	1205	1265	1324	1384	
97	1443	1503	1562	1622	1682	1741	1801	1860	1920	1979	
98	2039	2098	2158	2217	2277	2336	2396	2455	2515	2574	
99	2634	2693	2753	2812	2872	2931	2991	3050	3110	3169	
7300	3229	3288	3348	3407	3467	3526	3586	3645	3705	3764	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
7300	863	3229	3288	3348	3407	3467	3526	3586	3645	3705	3764
01		3823	3883	3942	4002	4061	4121	4180	4240	4299	4359
02		4418	4478	4537	4597	4656	4716	4776	4835	4894	4954
03		5013	5072	5132	5191	5251	5310	5370	5429	5489	5548
04		5603	5667	5727	5786	5845	5905	5964	6024	6083	6143
05		6202	6262	6321	6381	6440	6499	6559	6618	6678	6737
06		6797	6856	6915	6975	7034	7094	7153	7213	7272	7332
07		7391	7451	7510	7569	7629	7688	7748	7807	7867	7926
08		7985	8045	8104	8164	8223	8283	8342	8401	8461	8520
09		8580	8639	8698	8758	8817	8877	8936	8996	9055	9114
10		9174	9233	9293	9352	9411	9471	9530	9590	9649	9708
7611		9768	9827	9887	9946	0005	0065	0124	0184	0243	0302
12	864	0362	0421	0481	0540	0599	0659	0718	0778	0837	0896
13		0956	1015	1075	1134	1193	1253	1312	1371	1431	1490
14		1550	1609	1668	1728	1787	1846	1906	1965	2025	2084
15		2143	2203	2262	2321	2381	2440	2500	2559	2618	2678
16		2737	2796	2856	2915	2974	3034	3093	3152	3212	3271
17		3331	3390	3449	3509	3568	3627	3687	3746	3805	3865
18		3924	3983	4043	4102	4161	4221	4280	4339	4399	4458
19		4517	4577	4636	4695	4755	4814	4873	4933	4992	5051
20		5111	5170	5229	5289	5348	5407	5467	5526	5585	5645
7321		5704	5763	5823	5882	5941	6001	6060	6119	6179	6238
22		6297	6357	6416	6476	6534	6594	6653	6712	6772	6831
23		6890	6950	7009	7068	7128	7187	7246	7305	7365	7424
24		7483	7543	7602	7661	7721	7780	7839	7898	7958	8017
25		8076	8136	8195	8254	8313	8373	8432	8491	8551	8610
26		8669	8728	8788	8847	8906	8966	9025	9084	9143	9203
27		9262	9321	9380	9440	9499	9558	9618	9677	9736	9795
28		9855	9914	9973	0032	0092	0151	0210	0269	0329	0388
29	865	0447	0506	0566	0625	0684	0743	0803	0862	0921	0980
30		1040	1099	1158	1217	1277	1336	1395	1454	1514	1573
7331		1632	1691	1751	1810	1869	1928	1988	2047	2106	2165
32		2225	2284	2343	2402	2461	2521	2580	2639	2698	2758
33		2817	2876	2935	2995	3054	3113	3172	3231	3291	3350
34		3409	3468	3527	3587	3646	3705	3764	3824	3883	3942
35		4001	4060	4120	4179	4238	4297	4356	4415	4475	4534
36		4593	4652	4712	4771	4830	4889	4948	5008	5067	5126
37		5185	5244	5304	5363	5422	5481	5540	5600	5659	5718
38		5777	5836	5895	5955	6014	6073	6132	6191	6251	6310
39		6369	6428	6487	6548	6606	6665	6724	6783	6842	6901
40		6961	7020	7079	7138	7197	7256	7316	7375	7434	7493
7341		7552	7611	7671	7730	7789	7848	7907	7966	8025	8085
42		8144	8203	8262	8321	8380	8440	8499	8558	8617	8676
43		8735	8794	8854	8913	8972	9031	9090	9149	9208	9268
44		9327	9386	9445	9504	9563	9622	9681	9741	9800	9859
45		9918	9977	0036	0095	0153	0214	0273	0332	0391	0450
46	866	0509	0568	0627	0687	0746	0805	0864	0923	0982	1041
47		1100	1160	1219	1278	1337	1396	1455	1514	1573	1632
48		1691	1751	1810	1869	1928	1987	2046	2105	2164	2223
49		2282	2342	2401	2460	2519	2578	2637	2696	2755	2814
7350		2873	2932	2992	3051	3110	3169	3228	3287	3346	3405

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
7350	866	2873	2932	2992	3051	3110	3169	3228	3287	3346	3405
51		3464	3523	3582	3641	3701	3760	3819	3878	3937	3996
52		4055	4114	4173	4232	4291	4350	4409	4468	4528	4587
53		4646	4705	4764	4823	4882	4941	5000	5059	5118	5177
54		5236	5295	5354	5413	5472	5532	5591	5650	5709	5768
55		5827	5886	5945	6004	6063	6122	6181	6240	6299	6358
56		6417	6476	6535	6594	6653	6712	6771	6830	6889	6949
57		7008	7067	7126	7185	7244	7303	7362	7421	7480	7539
58		7598	7657	7716	7775	7834	7893	7952	8011	8070	8129
59		8188	8247	8306	8365	8424	8483	8542	8601	8660	8719
60		8778	8837	8896	8955	9014	9073	9132	9191	9250	9309
7361		9368	9427	9486	9545	9604	9663	9722	9781	9840	9899
62		0058	0017	0076	0135	0194	0253	0312	0371	0430	0489
63	867	0548	0607	0666	0725	0784	0843	0902	0961	1020	1079
64		1138	1197	1256	1315	1374	1433	1492	1551	1610	1669
65		1728	1786	1845	1904	1963	2022	2081	2140	2199	2258
66		2317	2376	2435	2494	2553	2612	2671	2730	2789	2848
67		2907	2966	3025	3084	3142	3201	3260	3319	3378	3437
68		3496	3555	3614	3673	3732	3791	3850	3909	3968	4027
69		4086	4145	4203	4262	4321	4380	4439	4498	4557	4616
70		4675	4734	4793	4852	4911	4970	5028	5087	5146	5205
7371		5264	5323	5382	5441	5500	5559	5618	5677	5735	5794
72		5853	5912	5971	6030	6089	6148	6207	6266	6325	6383
73		6442	6501	6560	6619	6678	6737	6796	6855	6914	6972
74		7031	7090	7149	7208	7267	7326	7385	7444	7502	7561
75		7620	7679	7738	7797	7856	7915	7974	8032	8091	8150
76		8209	8268	8327	8386	8445	8503	8562	8621	8680	8739
77		8798	8857	8916	8974	9033	9092	9151	9210	9269	9328
78		9387	9445	9504	9563	9622	9681	9740	9799	9857	9916
79		9975	0034	0093	0152	0211	0269	0328	0387	0446	0505
80	868	0564	0622	0681	0740	0799	0858	0917	0976	1034	1093
7381		1152	1211	1270	1329	1387	1446	1505	1564	1623	1682
82		1740	1799	1858	1917	1976	2035	2093	2152	2211	2270
83		2329	2388	2446	2505	2564	2623	2682	2740	2799	2858
84		2917	2976	3035	3093	3152	3211	3270	3329	3387	3446
85		3505	3564	3623	3681	3740	3799	3858	3917	3975	4034
86		4093	4152	4211	4269	4328	4387	4446	4505	4563	4622
87		4681	4740	4799	4857	4916	4975	5034	5093	5151	5210
88		5269	5328	5386	5445	5504	5563	5622	5680	5739	5798
89		5857	5915	5974	6033	6092	6151	6209	6268	6327	6386
90		6444	6503	6562	6621	6679	6738	6797	6856	6915	6973
7391		7032	7091	7150	7208	7267	7326	7385	7443	7502	7561
92		7620	7678	7737	7796	7855	7913	7972	8031	8090	8148
93		8207	8266	8325	8383	8442	8501	8560	8618	8677	8736
94		8794	8853	8912	8971	9029	9088	9147	9206	9264	9323
95		9382	9441	9499	9558	9617	9675	9734	9793	9852	9910
96		9969	0028	0086	0145	0204	0263	0321	0380	0439	0497
97	869	0556	0615	0674	0732	0791	0850	0908	0967	1026	1085
98		1143	1202	1261	1319	1378	1437	1495	1554	1613	1672
99		1730	1789	1848	1906	1965	2024	2082	2141	2200	2259
7400		2317	2376	2435	2493	2552	2611	2669	2728	2787	2845

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
7400	869	2317	2376	2435	2493	2552	2611	2669	2728	2787	2845
01	2904	2963	3021	3080	3139	3197	3256	3315	3373	3432	
02	3491	3549	3608	3667	3725	3784	3843	3901	3960	4019	
03	4077	4136	4195	4253	4312	4371	4429	4488	4547	4605	
04	4664	4723	4781	4840	4899	4957	5016	5075	5133	5192	
05	5251	5309	5368	5427	5485	5544	5603	5661	5720	5778	
06	5837	5896	5954	6013	6072	6130	6189	6248	6306	6365	
07	6423	6482	6541	6599	6658	6717	6775	6834	6892	6951	
08	7010	7068	7127	7186	7244	7303	7361	7420	7479	7537	
09	7596	7655	7713	7772	7830	7889	7948	8006	8065	8123	
10	8182	8241	8299	8358	8417	8475	8534	8592	8651	8710	
7411	8768	8827	8885	8944	9003	9061	9120	9178	9237	9296	
12	8354	9413	9471	9530	9588	9647	9706	9764	9823	9881	
13	9940	9999	0057	0116	0174	0233	0292	0350	0409	0467	
14	870	0526	0584	0643	0702	0760	0819	0877	0936	0994	1053
15	1112	1170	1229	1287	1346	1404	1463	1522	1580	1639	
16	1697	1756	1814	1873	1931	1990	2049	2107	2166	2224	
17	2283	2341	2400	2458	2517	2576	2634	2693	2751	2810	
18	2868	2927	2985	3044	3102	3161	3220	3278	3337	3395	
19	3454	3512	3571	3629	3688	3746	3805	3863	3922	3981	
20	4039	4098	4156	4215	4273	4332	4390	4449	4507	4566	
7421	4624	4683	4741	4800	4858	4917	4975	5034	5092	5151	59
22	5210	5268	5327	5385	5444	5502	5561	5619	5678	5736	1 6
23	5795	5853	5912	5970	6029	6087	6146	6204	6263	6321	2 12
24	6380	6438	6497	6555	6614	6672	6731	6789	6848	6906	3 18
25	6965	7023	7082	7140	7199	7257	7316	7374	7433	7491	4 24
26	7349	7608	7666	7725	7783	7842	7900	7959	8017	8076	5 30
27	8134	8193	8251	8310	8368	8427	8485	8544	8602	8660	6 36
28	8719	8777	8836	8894	8953	9011	9070	9128	9187	9245	7 42
29	9304	9362	9421	9479	9537	9596	9654	9713	9771	9830	8 48
30	9888	9947	0005	0063	0122	0180	0239	0297	0356	0414	9 54
7431	871	0473	0531	0589	0648	0706	0765	0823	0882	0940	
32	1057	1115	1174	1232	1291	1349	1408	1466	1524	1583	
33	1641	1700	1758	1817	1876	1933	1992	2050	2109	2167	
34	2226	2284	2342	2401	2459	2518	2576	2634	2693	2751	
35	2810	2868	2927	2985	3043	3102	3160	3219	3277	3335	
36	3394	3452	3511	3569	3627	3686	3744	3803	3861	3919	
37	3978	4036	4095	4153	4211	4270	4328	4387	4445	4503	
38	4562	4620	4679	4737	4795	4854	4912	4970	5029	5087	
39	5146	5204	5262	5321	5379	5437	5496	5554	5613	5671	
40	5729	5788	5846	5904	5963	6021	6080	6138	6198	6255	
7441	6313	6371	6430	6488	6546	6605	6663	6722	6780	6838	
42	6897	6955	7013	7072	7130	7188	7247	7305	7363	7422	
43	7480	7539	7597	7655	7714	7772	7830	7889	7947	8005	
44	8064	8122	8180	8239	8297	8355	8414	8472	8530	8589	
45	8647	8705	8764	8822	8880	8939	8997	9055	9114	9172	
46	9230	9289	9347	9405	9464	9522	9580	9639	9697	9755	
47	9814	9872	9930	9988	0047	0105	0163	0222	0280	0338	
48	872	0397	0455	0513	0572	0630	0688	0747	0805	0863	
49	0980	1038	1096	1155	1213	1271	1330	1388	1446	1504	
7450	1563	1621	1679	1738	1796	1854	1912	1971	2029	2087	

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7450	872	1563	1621	1679	1738	1796	1854	1912	1971	2029	2087
51		2146	2204	2262	2320	2379	2437	2495	2554	2612	2670
52		2728	2787	2845	2903	2962	3020	3078	3136	3195	3253
53		3311	3369	3428	3486	3544	3603	3661	3719	3777	3836
54		3894	3952	4010	4069	4127	4185	4243	4302	4360	4418
55		4476	4535	4593	4651	4709	4768	4826	4884	4942	5001
56		5059	5117	5175	5234	5292	5350	5408	5467	5525	5583
57		5641	5700	5758	5816	5874	5933	5991	6049	6107	6166
58		6224	6282	6340	6398	6457	6515	6573	6631	6690	6748
59		6806	6864	6923	6981	7039	7097	7155	7214	7272	7330
60		7388	7446	7505	7563	7621	7679	7738	7796	7854	7912
7461		7970	8029	8087	8145	8203	8261	8320	8378	8436	8494
62		8552	8611	8669	8727	8785	8843	8902	8960	9018	9076
63		9134	9193	9251	9309	9367	9425	9484	9542	9600	9658
64		9716	9774	9833	9891	9949	0007	0065	0124	0182	0240
65	873	0298	0356	0414	0473	0531	0589	0647	0705	0764	0822
66		0880	0938	0996	1054	1113	1171	1229	1287	1345	1403
67		1462	1520	1578	1636	1694	1752	1810	1869	1927	1985
68		2043	2101	2159	2218	2276	2334	2392	2450	2508	2566
69		2625	2683	2741	2799	2857	2915	2973	3032	3090	3148
70		3206	3264	3322	3380	3439	3497	3555	3613	3671	3729
7471		3787	3845	3904	3962	4020	4078	4136	4194	4252	4311
72		4369	4427	4485	4543	4601	4659	4717	4775	4834	4892
73		4950	5008	5066	5124	5182	5240	5298	5357	5415	5473
74		5531	5589	5647	5705	5763	5821	5880	5938	5996	6054
75		6112	6170	6228	6286	6344	6402	6461	6519	6577	6635
76		6693	6751	6809	6867	6925	6983	7041	7100	7158	7216
77		7274	7332	7390	7448	7506	7564	7622	7680	7738	7797
78		7855	7913	7971	8029	8087	8145	8203	8261	8319	8377
79		8435	8493	8551	8610	8668	8726	8784	8842	8900	8958
80		9016	9074	9132	9190	9248	9306	9364	9422	9480	9538
7481		9597	9655	9713	9771	9829	9887	9945	0003	0061	0119
82	874	0177	0235	0293	0351	0409	0467	0525	0583	0641	0699
83		0757	0815	0874	0932	0990	1048	1106	1164	1222	1280
84		1338	1396	1454	1512	1570	1628	1686	1744	1802	1860
85		1918	1976	2034	2092	2150	2208	2266	2324	2382	2440
86		2498	2556	2614	2672	2730	2788	2846	2904	2962	3020
87		3078	3136	3194	3252	3310	3368	3426	3484	3542	3600
88		3658	3716	3774	3832	3890	3948	4006	4064	4122	4180
89		4238	4296	4354	4412	4470	4528	4586	4644	4702	4760
90		4818	4876	4934	4992	5050	5108	5166	5224	5282	5340
7491		5398	5456	5514	5572	5630	5688	5746	5804	5862	5920
92		5978	6036	6094	6152	6210	6268	6326	6384	6441	6499
93		6557	6615	6673	6731	6789	6847	6905	6963	7021	7079
94		7137	7195	7253	7311	7369	7427	7485	7543	7600	7658
95		7716	7774	7832	7890	7948	8006	8064	8122	8180	8238
96		8296	8354	8412	8470	8528	8585	8643	8701	8759	8817
97		8875	8933	8991	9049	9107	9165	9223	9281	9339	9396
98		9454	9512	9570	9628	9686	9744	9802	9860	9918	9976
99	875	0034	0091	0149	0207	0265	0323	0381	0439	0497	0555
7500		0613	0671	0728	0786	0844	0902	0960	1018	1076	1134

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No.	0	1	2	3	4	5	6	7	8	9	Dir.	
7500	675	0613	0871	0723	0788	8844	8902	8960	1018	1076	1134	
01		1192	1250	1307	1465	1423	1461	1539	1597	1655	1713	
02		1771	1828	1886	1944	2802	2068	2118	2176	2234	2292	
03		2349	2407	2465	2523	2581	2639	2697	2755	2813	2870	
04		2928	2986	3044	3182	3168	3216	3275	3333	3391	3449	
05		3507	3565	3623	3681	3738	3796	3854	3912	3970	4028	
06		4086	4143	4201	4259	4317	4373	4433	4491	4548	4606	
07		4664	4722	4780	4838	4896	4953	5011	5069	5127	5185	
08		5243	5300	5358	5416	5474	5532	5590	5648	5705	5763	
09		5821	5879	5937	5995	6052	6118	6168	6226	6284	6342	
10		6399	6457	6518	6573	6631	6689	6746	6804	6862	6920	
7511		6978	7035	7093	7181	7209	7267	7325	7682	7440	7498	
12		7556	7614	7671	7729	7767	7845	7908	7960	8018	8076	
13		8134	8192	8249	8307	8366	8423	8481	8539	8596	8654	
14		6712	6770	6828	6885	6943	9881	9059	9116	9174	9232	
15		9290	9348	9405	9463	9521	9579	9637	9694	9752	9810	
16		9868	9925	9983	0041	0099	0157	0214	0272	0330	0388	
17	876	0446	0503	0561	0619	0677	0734	0792	0850	0908	0965	
18		1023	1081	1139	1197	1254	1312	1370	1428	1485	1543	
19		1601	1659	1716	1774	1832	1890	1947	2005	2063	2121	
20		2176	2238	2294	2352	2409	2467	2525	2583	2640	2698	58
7521		2756	2814	2871	2929	2987	3045	3102	3160	3218	3276	1
22		6333	3391	6449	3506	3564	3622	3680	3737	3795	3853	2
23		6911	6966	4026	4064	4142	4199	4257	4315	4372	4430	3
24		4486	4546	4603	4661	4719	4776	4834	4892	4950	5007	4
25		5065	5123	5180	5238	5296	5354	5411	5469	5527	5584	5
26		5642	5700	5758	5815	5873	5931	5986	6046	6104	6161	6
27		6219	6277	6335	6392	6450	6506	6565	6623	6681	6736	7
28		6796	6854	6911	6969	7027	7085	7142	7200	7256	7315	8
29		7676	7431	7488	7546	7604	7661	7719	7777	7834	7892	9
30		7950	6007	8065	8123	8180	8238	8296	8353	8411	8469	
7531		6526	6564	6642	8699	6757	8815	8872	8930	8986	9045	
32		9103	9161	9218	9276	9334	9391	9449	9507	9564	9622	
33		9680	9737	9795	9853	9910	9968	0025	0083	0141	0199	
34	877	0256	8314	0371	8429	8487	8544	8602	0660	0717	0775	
35		0833	0690	0948	1083	1863	1121	1178	1236	1294	1351	
36		1409	1467	1524	1582	1639	1697	1755	1812	1870	1928	
37		1965	2043	2108	2158	2216	2273	2331	2388	2446	2504	
38		2561	2619	2677	2734	2792	2849	2907	2965	3022	3080	
39		8137	8195	8253	8318	8368	8435	8483	8541	8598	8656	
40		3713	3771	3829	3886	3944	4001	4059	4117	4174	4232	
7541		4289	4347	4405	4462	4520	4577	4635	4693	4750	4808	
42		4865	4923	4980	5038	5096	5153	5211	5268	5326	5384	
43		5441	5499	5556	5614	5671	5729	5787	5844	5902	5959	
44		6017	6074	6132	6189	6247	6305	6362	6420	6477	6535	
45		6592	6650	6706	6763	6823	6888	6938	6995	7053	7110	
46		7168	7226	7283	7341	7398	7456	7513	7571	7626	7686	
47		7743	7801	7859	7918	7974	8031	8089	8148	8204	8261	
48		8319	8376	8434	8492	8549	8607	8664	8722	8779	8837	
49		8894	8952	9009	9067	9124	9182	9239	9297	9354	9412	
7550		9470	9527	9585	9642	9708	9737	9815	9872	9930	9987	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
7550	877	9470	9527	9585	9642	9700	9757	9815	9872	9930	9987
51	878	0045	0102	0160	0217	0275	0332	0390	0447	0505	0562
52		0620	0677	0735	0792	0850	0907	0965	1022	1080	1137
53		1195	1252	1310	1367	1425	1482	1540	1597	1655	1712
54		1770	1827	1885	1942	2000	2057	2115	2172	2230	2287
55		2345	2402	2460	2517	2575	2632	2690	2747	2805	2862
56		2919	2977	3034	3092	3149	3207	3264	3322	3379	3437
57		3494	3552	3609	3667	3724	3782	3839	3896	3954	4011
58		4069	4126	4184	4241	4299	4356	4414	4471	4529	4586
59		4643	4701	4758	4816	4873	4931	4988	5046	5103	5161
60		5218	5275	5333	5390	5448	5505	5563	5620	5678	5735
7561		5792	5850	5907	5965	6022	6080	6137	6194	6252	6309
62		6367	6424	6482	6539	6596	6654	6711	6769	6826	6884
63		6941	6998	7056	7113	7171	7228	7286	7343	7400	7458
64		7515	7573	7630	7687	7745	7802	7860	7917	7975	8032
65		8089	8147	8204	8262	8319	8376	8434	8491	8549	8606
66		8663	8721	8778	8836	8893	8950	9008	9065	9123	9180
67		9237	9295	9352	9410	9467	9524	9582	9639	9696	9754
68		9811	9869	9926	9983	0041	0098	0156	0213	0270	0328
69	879	0385	0442	0500	0557	0615	0672	0729	0787	0844	0901
70		0959	1016	1074	1131	1188	1246	1303	1360	1418	1475
7571		1532	1590	1647	1705	1762	1819	1877	1934	1991	2049
72		2106	2163	2221	2278	2335	2393	2450	2508	2565	2622
73		2680	2737	2794	2852	2909	2966	3024	3081	3138	3196
74		3253	3310	3368	3425	3482	3540	3597	3654	3712	3769
75		3826	3884	3941	3998	4056	4113	4170	4228	4285	4342
76		4400	4457	4514	4572	4629	4686	4744	4801	4858	4916
77		4973	5030	5088	5145	5202	5259	5317	5374	5431	5489
78		5546	5603	5661	5718	5775	5833	5890	5947	6004	6062
79		6119	6176	6234	6291	6348	6406	6463	6520	6577	6635
80		6692	6749	6807	6864	6921	6979	7036	7093	7150	7208
7581		7265	7322	7380	7437	7494	7551	7609	7666	7723	7781
82		7838	7895	7952	8010	8067	8124	8181	8239	8296	8353
83		8411	8468	8525	8582	8640	8697	8754	8811	8869	8926
84		8983	9041	9098	9155	9212	9270	9327	9384	9441	9499
85		9556	9613	9670	9728	9785	9842	9899	9957	0014	0071
86	880	0128	0186	0243	0300	0357	0415	0472	0529	0586	0644
87		0701	0758	0815	0873	0930	0987	1044	1102	1159	1216
88		1273	1330	1388	1445	1502	1559	1617	1674	1731	1788
89		1846	1903	1960	2017	2074	2132	2189	2246	2303	2361
90		2418	2475	2532	2589	2647	2704	2761	2818	2875	2933
7591		2990	3047	3104	3162	3219	3276	3333	3390	3448	3505
92		3562	3619	3676	3734	3791	3848	3905	3962	4020	4077
93		4134	4191	4248	4306	4363	4420	4477	4534	4592	4649
94		4706	4763	4820	4877	4935	4992	5049	5106	5163	5221
95		5278	5335	5392	5449	5507	5564	5621	5678	5735	5792
96		5850	5907	5964	6021	6078	6135	6193	6250	6307	6364
97		6421	6478	6536	6593	6650	6707	6764	6821	6879	6936
98		6993	7050	7107	7164	7222	7279	7336	7393	7450	7507
99		7564	7622	7679	7736	7793	7850	7907	7964	8022	8079
7600		8136	8193	8250	8307	8364	8422	8479	8536	8593	8650

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No.	0	1	2	3	4	5	6	7	8	9	Dist.
7600	8508136	8193	8250	8307	8364	8429	8479	8536	8593	8650	
01	8707	8764	8822	8879	8936	8993	9050	9107	9164	9222	
02	9279	9336	9393	9450	9507	9564	9621	9679	9736	9793	
03	9850	9907	9964	0021	0078	0135	0193	0250	0307	0364	
04	351 0421	0478	0535	0592	0650	0707	0764	0821	0878	0935	
05	0992	1049	1106	1163	1221	1278	1335	1392	1449	1506	
06	1563	1620	1677	1735	1792	1849	1906	1963	2020	2077	
07	2134	2191	2248	2305	2363	2420	2477	2534	2591	2648	
08	2705	2762	2819	2876	2933	2990	3048	3105	3162	3219	
09	3278	3333	3390	3447	3504	3561	3618	3675	3732	3789	
10	3847	3904	3861	4018	4076	4132	4189	4246	4303	4360	
7611	4417	4474	4531	4588	4645	4703	4760	4817	4874	4931	
12	4988	5045	5102	5159	5216	5273	5330	5387	5444	5501	
13	5558	5615	5672	5729	5786	5844	5901	5958	6015	6072	
14	6129	6186	6243	6300	6357	6414	6471	6528	6585	6642	
15	6699	6756	6813	6870	6927	6984	7041	7098	7155	7212	
16	7269	7326	7383	7440	7497	7554	7611	7669	7726	7783	
17	7840	7897	7954	8011	8068	8125	8182	8239	8296	8353	
18	8410	8467	8524	8581	8638	8695	8752	8809	8866	8923	
19	8980	9037	9094	9151	9208	9265	9322	9379	9436	9493	
20	9550	9607	9664	9721	9778	9835	9892	9949	0006	0063	
7621	882 0120	0177	0234	0291	0348	0405	0462	0519	0575	0632	
22	0689	0746	0803	0860	0917	0974	1031	1088	1145	1202	
23	1259	1316	1373	1430	1487	1544	1601	1658	1715	1772	
24	1829	1886	1943	2000	2057	2114	2171	2228	2285	2342	
25	2398	2455	2512	2569	2626	2683	2740	2797	2854	2911	
26	2968	3025	3082	3139	3196	3253	3310	3367	3424	3481	
27	3537	3594	3651	3708	3765	3822	3879	3936	3993	4050	
28	4107	4164	4221	4278	4335	4392	4448	4505	4562	4618	
29	4676	4733	4790	4847	4904	4961	5018	5075	5132	5188	
30	5245	5302	5359	5416	5473	5530	5587	5644	5701	5758	
7631	5815	5871	5928	5985	6042	6099	6156	6213	6270	6327	
32	6384	6441	6497	6554	6611	6668	6725	6782	6839	6896	
33	6953	7010	7066	7123	7180	7237	7294	7351	7408	7465	
34	7522	7578	7635	7692	7749	7806	7863	7920	7977	8034	
35	8090	8147	8204	8261	8318	8375	8432	8489	8545	8602	
36	8659	8716	8773	8830	8887	8944	9000	9057	9114	9171	
37	9228	9285	9342	9399	9455	9512	9569	9626	9683	9740	
38	9797	9853	9910	9967	0024	0081	0138	0195	0251	0308	
39	883 0365	0422	0479	0536	0593	0649	0706	0763	0820	0877	
40	0934	0990	1047	1104	1161	1218	1276	1331	1388	1445	
7641	1502	1559	1616	1673	1729	1786	1843	1900	1957	2014	
42	2070	2127	2184	2241	2298	2354	2411	2468	2525	2582	
43	2639	2695	2752	2809	2866	2923	2980	3036	3093	3150	
44	3207	3264	3320	3377	3434	3491	3548	3604	3661	3718	
45	3775	3832	3889	3945	4002	4059	4116	4173	4229	4286	
46	4343	4400	4457	4513	4570	4627	4684	4741	4797	4854	
47	4911	4968	5024	5081	5138	5195	5252	5308	5365	5422	
48	5479	5536	5592	5649	5706	5763	5819	5876	5933	5990	
49	6047	6103	6160	6217	6274	6330	6387	6444	6501	6558	
7650	6814	6871	6928	6985	7041	7098	7155	7212	7269	7326	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
7650	883 6614	6671	6728	6785	6841	6898	6955	7012	7068	7125	
51	7182	7239	7296	7352	7409	7466	7523	7579	7636	7693	
52	7750	7806	7863	7920	7977	8033	8090	8147	8204	8260	
53	8317	8374	8431	8487	8544	8601	8658	8714	8771	8828	
54	8885	8941	8998	9055	9112	9168	9225	9282	9338	9395	
55	9452	9509	9565	9622	9679	9736	9792	9849	9906	9963	
56	884 0019	0076	0133	0189	0246	0303	0360	0416	0473	0530	
57	0586	0643	0700	0757	0813	0870	0927	0983	1040	1097	
58	1154	1210	1267	1324	1380	1437	1494	1551	1607	1664	
59	1721	1777	1834	1891	1948	2004	2061	2118	2174	2231	
60	2288	2344	2401	2458	2514	2571	2628	2685	2741	2798	
7661	2855	2911	2968	3025	3081	3138	3195	3251	3308	3365	
62	3421	3478	3535	3592	3648	3705	3762	3818	3875	3932	
63	3988	4045	4102	4158	4215	4272	4328	4385	4442	4498	
64	4555	4612	4668	4725	4782	4838	4895	4952	5008	5065	
65	5122	5178	5235	5292	5348	5405	5462	5518	5575	5631	
66	5688	5745	5801	5858	5915	5971	6028	6085	6141	6198	
67	6255	6311	6368	6425	6481	6538	6594	6651	6708	6764	
68	6821	6878	6934	6991	7048	7104	7161	7217	7274	7331	
69	7387	7444	7501	7557	7614	7671	7727	7784	7840	7897	
70	7954	8010	8067	8124	8180	8237	8293	8350	8407	8463	
7671	8520	8576	8633	8690	8746	8803	8860	8916	8973	9029	57
72	9086	9143	9199	9256	9312	9369	9426	9482	9539	9595	1 6
73	9652	9709	9765	9822	9878	9935	9992	0048	0105	0161	2 11
74	885 0218	0275	0331	0388	0444	0501	0557	0614	0671	0727	3 17
75	0784	0840	0897	0954	1010	1067	1123	1180	1237	1293	4 23
76	1350	1406	1463	1519	1576	1633	1689	1746	1802	1859	5 29
77	1915	1972	2029	2085	2142	2198	2255	2311	2368	2425	6 34
78	2481	2538	2594	2651	2707	2764	2820	2877	2934	2990	7 40
79	3047	3103	3160	3216	3273	3329	3386	3443	3499	3556	8 46
80	3612	3669	3725	3782	3838	3895	3951	4008	4065	4121	9 51
7681	4178	4234	4291	4347	4404	4460	4517	4573	4630	4686	
82	4743	4800	4856	4913	4969	5026	5082	5139	5195	5252	
83	5308	5365	5421	5478	5534	5591	5647	5704	5761	5817	
84	5874	5930	5987	6043	6100	6156	6213	6269	6326	6382	
85	6439	6495	6552	6608	6665	6721	6778	6834	6891	6947	
86	7004	7060	7117	7173	7230	7286	7343	7399	7456	7512	
87	7569	7625	7682	7738	7795	7851	7908	7964	8021	8077	
88	8134	8190	8247	8303	8360	8416	8473	8529	8586	8642	
89	8699	8755	8812	8868	8925	8981	9037	9094	9150	9207	
90	9263	9320	9376	9433	9489	9546	9602	9659	9715	9772	
7691	9828	9885	9941	9998	0054	0110	0167	0223	0280	0336	
92	886 0393	0449	0506	0562	0619	0675	0732	0788	0844	0901	
93	0957	1014	1070	1127	1183	1240	1296	1352	1409	1465	
94	1522	1578	1635	1691	1748	1804	1860	1917	1973	2030	
95	2086	2143	2199	2256	2312	2368	2425	2481	2538	2594	
96	2651	2707	2763	2820	2876	2933	2989	3046	3102	3158	
97	3215	3271	3328	3384	3441	3497	3553	3610	3666	3723	
98	3779	3835	3892	3948	4005	4061	4118	4174	4230	4287	
99	4343	4400	4456	4512	4569	4625	4682	4738	4794	4851	
7700	4907	4964	5020	5076	5133	5189	5246	5302	5358	5415	

No.	0	1	2	3	4	5	6	7	8	9	Dist.
7700	888	4907	4984	5020	5078	5133	5189	5248	5302	5358	5415
01		5471	5528	5584	5640	5697	5753	5810	5868	5923	5979
02		8035	6092	8148	8204	8261	8317	8373	8430	8486	8543
03		8599	6655	6712	8768	8824	6881	6937	6994	7050	7106
04		7163	7219	7275	7382	7388	7445	7501	7557	7614	7670
05		7728	7788	7839	7898	7952	8008	8065	8121	8177	8234
06		8290	8348	8403	8459	8515	8572	8628	8685	8741	8797
07		8854	8910	8968	9028	9078	9135	9192	9248	9304	9361
08		9417	9473	9530	9586	9642	9699	9755	9811	9868	9924
09		9980	0037	0098	0149	0200	0252	0318	0375	0431	0487
10	887	0544	0600	0658	0713	0769	0825	0882	0938	0994	1051
7711		1107	1163	1220	1278	1332	1389	1445	1501	1558	1614
12		1670	1727	1783	1839	1895	1952	2008	2064	2121	2177
13		2233	2290	2348	2403	2459	2515	2571	2627	2684	2740
14		2798	2853	2909	2965	3022	3078	3194	3190	3247	3303
15		8359	3418	8472	3528	3584	3641	3697	3753	8810	8868
16		8922	3978	4035	4091	4147	4204	4280	4316	4372	4429
17		4485	4541	4598	4654	4710	4766	4823	4879	4935	4991
18		5048	5104	5160	5217	5273	5329	5385	5442	5498	5554
19		5610	5667	5723	5779	5835	5892	5948	6004	6060	6117
20		8173	8229	8286	6842	6398	8454	6511	6567	6623	6679
7721		8738	8792	6848	6904	6961	7017	7073	7129	7185	7242
22		7298	7354	7410	7467	7523	7579	7635	7692	7748	7804
23		7860	7917	7973	8029	8085	8142	8198	8254	8310	8366
24		8423	8479	8535	8591	8648	8704	8760	8816	8872	8929
25		8985	9041	9097	9154	9210	9266	9322	9378	9435	9491
26		9547	9603	9659	9716	9772	9828	9884	9941	9997	0053
27	668	0109	0165	0222	0278	0334	0390	0446	0508	0569	0618
28		0671	0727	0784	0840	0896	0952	1008	1064	1121	1177
29		1233	1289	1345	1402	1458	1514	1570	1626	1683	1739
30		1795	1851	1907	1963	2020	2078	2132	2188	2244	2301
7731		2357	2413	2469	2525	2581	2638	2694	2750	2808	2862
32		2918	2975	3031	3087	3143	3199	3255	3312	3368	3424
33		8460	3536	3592	3649	3705	3761	3817	3873	3929	3986
34		4042	4098	4154	4210	4266	4322	4379	4435	4491	4547
35		4503	4659	4715	4772	4828	4884	4940	4998	5052	5108
36		5165	5221	5277	5333	5389	5445	5501	5558	5614	5670
37		5728	5782	5838	5894	5950	6007	6063	6119	6175	6231
38		6287	6343	6400	6456	6512	6568	6624	6680	6738	6792
39		6848	6905	6961	7017	7073	7129	7185	7241	7297	7353
40		7410	7466	7522	7578	7634	7690	7746	7802	7858	7915
7741		7971	8027	8083	8139	8195	8251	8307	8363	8419	8476
42		8532	8588	8644	8700	8756	8812	8868	8924	8980	9037
43		9093	9149	9205	9261	9317	9373	9429	9485	9541	9597
44		9653	9710	9768	9822	9878	9934	9990	0046	0102	0158
45	869	0214	0270	0326	0382	0439	0495	0551	0607	0663	0719
46		0775	0831	0887	0943	0999	1055	1111	1167	1223	1279
47		1335	1392	1448	1504	1560	1616	1672	1728	1784	1840
48		1896	1952	2008	2064	2120	2176	2232	2288	2345	2401
49		2457	2513	2569	2625	2681	2737	2793	2849	2905	2961
7750		8017	8073	8129	8185	8241	8297	8353	8409	8465	8521

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7750	889	3017	3073	3129	3185	3241	3297	3353	3409	3465	3521
51		3577	3633	3689	3745	3801	3858	3914	3970	4026	4082
52		4138	4194	4250	4306	4362	4418	4474	4530	4586	4642
53		4698	4754	4810	4866	4922	4978	5034	5090	5146	5202
54		5258	5314	5370	5426	5482	5538	5594	5650	5706	5762
55		5818	5874	5930	5986	6042	6098	6154	6210	6266	6322
56		6378	6434	6490	6546	6602	6658	6714	6770	6826	6882
57		6938	6994	7050	7106	7162	7218	7274	7330	7386	7442
58		7498	7554	7610	7666	7722	7778	7834	7890	7946	8002
59		8058	8113	8169	8225	8281	8337	8393	8449	8505	8561
60		8617	8673	8729	8785	8841	8897	8953	9009	9065	9121
7761		9177	9233	9289	9345	9401	9457	9513	9569	9624	9680
62		9736	9792	9848	9904	9960	0016	0072	0128	0184	0240
63	890	0296	0352	0408	0464	0520	0576	0632	0687	0743	0799
64		0855	0911	0967	1023	1079	1135	1191	1247	1303	1359
65		1415	1471	1526	1582	1638	1694	1750	1806	1862	1918
66		1974	2030	2086	2142	2198	2253	2309	2365	2421	2477
67		2533	2589	2645	2701	2757	2813	2869	2924	2980	3036
68		3092	3148	3204	3260	3316	3372	3428	3484	3539	3595
69		3651	3707	3763	3819	3875	3931	3987	4043	4098	4154
70		4210	4266	4322	4378	4434	4490	4546	4601	4657	4713
7771		4769	4825	4881	4937	4993	5049	5104	5160	5216	5272
72		5328	5384	5440	5496	5551	5607	5663	5719	5775	5831
73		5887	5943	5998	6054	6110	6166	6222	6278	6334	6389
74		6445	6501	6557	6613	6669	6725	6781	6836	6892	6948
75		7004	7060	7116	7172	7227	7283	7339	7395	7451	7507
76		7563	7618	7674	7730	7786	7842	7898	7953	8009	8065
77		8121	8177	8233	8289	8344	8400	8456	8512	8568	8624
78		8679	8735	8791	8847	8903	8959	9014	9070	9126	9182
79		9238	9294	9349	9405	9461	9517	9573	9629	9684	9740
80		9796	9852	9908	9963	0019	0075	0131	0187	0243	0298
7781	891	0354	0410	0466	0522	0577	0633	0689	0745	0801	0856
82		0912	0968	1024	1080	1135	1191	1247	1303	1359	1415
83		1470	1526	1582	1638	1694	1749	1805	1861	1917	1972
84		2028	2084	2140	2196	2251	2307	2363	2419	2475	2530
85		2586	2642	2698	2754	2809	2865	2921	2977	3032	3088
86		3144	3200	3256	3311	3367	3423	3479	3534	3590	3646
87		3702	3758	3813	3869	3925	3981	4036	4092	4148	4204
88		4259	4315	4371	4427	4482	4538	4594	4650	4706	4761
89		4817	4873	4929	4984	5040	5096	5152	5207	5263	5319
90		5375	5430	5486	5542	5598	5653	5709	5765	5821	5876
7791		5932	5988	6044	6099	6155	6211	6266	6322	6378	6434
92		6489	6545	6601	6657	6712	6768	6824	6880	6935	6991
93		7047	7102	7158	7214	7270	7325	7381	7437	7493	7548
94		7604	7660	7715	7771	7827	7883	7938	7994	8050	8105
95		8161	8217	8273	8328	8384	8440	8495	8551	8607	8663
96		8718	8774	8830	8885	8941	8997	9053	9108	9164	9220
97		9275	9331	9387	9442	9498	9554	9610	9665	9721	9777
98		9832	9888	9944	9999	0055	0111	0166	0222	0278	0334
99	892	0389	0445	0501	0556	0612	0668	0723	0779	0835	0890
7800		0946	1002	1057	1113	1169	1224	1280	1336	1391	1447

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7800	892 0946	1002	1037	1113	1169	1224	1280	1336	1391	1447	
01	1503	1553	1614	1670	1725	1781	1837	1892	1948	2004	
02	2059	2115	2171	2226	2282	2338	2393	2449	2505	2560	
03	2616	2672	2727	2789	2839	2894	2950	3006	3061	3117	
04	3173	3228	3284	3340	3395	3451	3506	3562	3618	3673	
05	3729	3785	3840	3896	3952	4007	4063	4119	4174	4230	
06	4285	4341	4397	4452	4508	4564	4619	4675	4731	4786	
07	4842	4897	4953	5009	5064	5120	5178	5231	5287	5342	
08	5398	5454	5509	5565	5621	5676	5732	5787	5843	5899	
09	5954	6010	6065	6121	6177	6232	6288	6344	6399	6455	
10	6510	6566	6622	6677	6733	6788	6844	6900	6955	7011	
7811	7066	7122	7178	7233	7289	7344	7400	7456	7511	7567	
12	7622	7678	7734	7789	7845	7900	7956	8011	8067	8123	
13	8178	8234	8289	8345	8401	8456	8512	8567	8623	8678	
14	8734	8790	8845	8901	8956	9012	9068	9123	9179	9234	
15	9290	9345	9401	9457	9512	9568	9623	9679	9734	9790	
16	9846	9901	9957	0012	0068	0123	0179	0234	0290	0346	
17	893 0401	0457	0512	0568	0623	0679	0734	0790	0846	0901	
18	0937	1012	1068	1123	1179	1234	1290	1345	1401	1457	
19	1512	1568	1623	1679	1734	1790	1845	1901	1958	2012	
20	2068	2123	2179	2234	2290	2345	2401	2456	2512	2567	
7621	2623	2678	2734	2789	2845	2900	2956	3012	3067	3123	
22	3178	3234	3289	3345	3400	3456	3511	3567	3622	3678	
23	3733	3789	3844	3900	3955	4011	4066	4122	4177	4233	
24	4288	4344	4399	4455	4510	4566	4621	4677	4732	4788	
25	4843	4899	4954	5010	5065	5121	5176	5232	5287	5343	
26	5398	5454	5509	5565	5620	5676	5731	5787	5842	5898	
27	5953	6009	6064	6120	6176	6231	6286	6342	6397	6453	
28	6508	6564	6619	6675	6730	6786	6841	6897	6952	7007	
29	7063	7118	7174	7229	7285	7340	7396	7451	7507	7562	
30	7618	7673	7729	7784	7839	7895	7950	8006	8061	8117	
7831	8172	8228	8283	8339	8394	8450	8505	8560	8616	8671	
32	8727	8782	8838	8893	8949	9004	9059	9115	9170	9226	
33	9281	9337	9392	9448	9503	9558	9614	9669	9725	9780	
34	9836	9891	9947	0002	0057	0113	0168	0224	0279	0335	
35	894 0390	0445	0501	0556	0612	0667	0723	0778	0833	0889	
36	0944	1000	1055	1111	1166	1221	1277	1332	1388	1443	
37	1498	1554	1609	1665	1720	1776	1831	1886	1942	1997	
38	2053	2108	2163	2219	2274	2330	2385	2440	2496	2551	
39	2607	2662	2717	2773	2828	2884	2939	2994	3050	3105	
40	3161	3216	3271	3327	3382	3438	3493	3548	3604	3659	
7841	3715	3770	3825	3881	3936	3991	4047	4102	4158	4213	
42	4268	4324	4379	4435	4490	4545	4601	4656	4711	4767	
43	4822	4878	4933	4988	5044	6099	5154	5210	5265	5320	
44	5376	5431	5487	5542	5597	5653	5708	5763	5819	5874	
45	5929	5985	6040	6096	6151	6206	6262	6317	6372	6428	
46	6483	6538	6594	6649	6704	6750	6815	6870	6926	6981	
47	7037	7092	7147	7203	7258	7313	7369	7424	7479	7535	
48	7590	7645	7701	7756	7811	7867	7922	7977	8033	8088	
49	8143	8199	8254	8309	8365	8420	8475	8531	8586	8641	
7850	8697	8752	8807	8863	8918	8973	9028	9084	9139	9194	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
7850	894	8697	8752	8807	8863	8918	8973	9028	9084	9139	9194
51		9250	9305	9360	9416	9471	9526	9582	9637	9692	9748
52		9803	9858	9914	9969	0024	0079	0135	0190	0245	0301
53	895	0366	0411	0467	0522	0577	0632	0688	0743	0798	0854
54		0909	0964	1020	1075	1130	1185	1241	1296	1351	1407
55		1462	1517	1572	1628	1683	1738	1794	1849	1904	1959
56		2015	2070	2125	2181	2236	2291	2346	2402	2457	2512
57		2568	2623	2678	2733	2789	2844	2899	2954	3010	3065
58		3120	3176	3231	3286	3341	3397	3452	3507	3562	3618
59		3673	3728	3783	3839	3894	3949	4004	4060	4115	4170
60		4225	4281	4336	4391	4446	4502	4557	4612	4667	4723
7861		4778	4833	4888	4944	4999	5054	5109	5165	5220	5275
62		5330	5386	5441	5496	5551	5607	5662	5717	5772	5828
63		5888	5938	5993	6048	6104	6159	6214	6269	6325	6380
64		6435	6490	6545	6601	6656	6711	6766	6822	6877	6932
65		6987	7042	7098	7153	7208	7263	7319	7374	7429	7484
66		7589	7595	7650	7705	7760	7815	7871	7926	7981	8036
67		8092	8147	8202	8257	8312	8368	8423	8478	8533	8588
68		8644	8699	8754	8809	8864	8919	8975	9030	9085	9140
69		9195	9251	9306	9361	9416	9471	9527	9582	9637	9692
70		9747	9803	9858	9913	9968	0023	0078	0134	0189	0244
7871	896	0299	0354	0409	0465	0520	0575	0630	0685	0741	0796
72		0851	0906	0961	1016	1072	1127	1182	1237	1292	1347
73		1408	1458	1513	1568	1623	1678	1733	1789	1844	1899
74		1954	2009	2064	2120	2175	2230	2285	2340	2395	2450
75		2506	2561	2616	2671	2726	2781	2837	2892	2947	3002
76		3057	3112	3167	3222	3278	3333	3388	3443	3498	3553
77		3608	3664	3719	3774	3829	3884	3939	3994	4050	4105
78		4160	4215	4270	4325	4380	4435	4491	4546	4601	4656
79		4711	4766	4821	4876	4931	4987	5042	5097	5152	5207
80		5262	5317	5372	5428	5483	5538	5593	5648	5703	5758
7881		5813	5868	5923	5979	6034	6089	6144	6199	6254	6309
82		6364	6419	6475	6530	6585	6640	6695	6750	6805	6860
83		6915	6970	7025	7081	7136	7191	7246	7301	7356	7411
84		7466	7521	7576	7631	7686	7742	7797	7852	7907	7962
85		8017	8072	8127	8182	8237	8292	8347	8403	8458	8513
86		8568	8623	8678	8733	8788	8843	8898	8953	9008	9063
87		9118	9173	9229	9284	9339	9394	9449	9504	9559	9614
88		9669	9724	9779	9834	9889	9944	9999	0054	0109	0165
89	897	0220	0275	0330	0385	0440	0495	0550	0605	0660	0715
90		0770	0825	0880	0935	0990	1045	1100	1155	1210	1265
7891		1320	1375	1431	1486	1541	1596	1651	1706	1761	1816
92		1871	1926	1981	2036	2091	2146	2201	2256	2311	2366
93		2421	2476	2531	2586	2641	2696	2751	2806	2861	2916
94		2971	3026	3081	3136	3191	3246	3301	3356	3411	3466
95		3521	3576	3631	3686	3741	3796	3851	3906	3961	4016
96		4071	4126	4181	4236	4291	4346	4401	4456	4511	4566
97		4621	4676	4731	4786	4841	4896	4951	5006	5061	5116
98		5171	5226	5281	5336	5391	5446	5501	5556	5611	5666
99		5721	5776	5831	5886	5941	5996	6051	6106	6161	6216
7900		6271	6326	6381	6436	6491	6546	6601	6656	6711	6766

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7900	897 6271	6326	6381	6438	6491	6546	6601	6656	6711	8766	
01	6821	6876	6931	6986	7040	7095	7150	7205	7260	7315	
02	7370	7425	7480	7535	7590	7645	7700	7755	7810	7865	
03	7920	7975	8030	8085	8140	8195	8250	8304	8359	8414	
04	8469	8524	8579	8634	8689	8744	8799	8854	8909	8964	
05	9019	9074	9129	9184	9338	9293	9348	9403	9458	9513	
06	9568	9623	9678	9733	9788	9843	9898	9953	0008	0062	
07	898 0117	0172	0227	0282	0337	0392	0447	0502	0557	0613	
08	0667	0722	0776	0831	0886	0941	0996	1051	1106	1161	
09	1216	1271	1326	1380	1435	1490	1545	1600	1655	1710	
10	1765	1820	1875	1930	1984	2039	2094	2149	2204	2259	
7911	2314	2369	2424	2479	2533	2588	2643	2698	2753	2808	
12	2863	2918	2973	3027	3082	3137	3192	3247	3302	3357	
13	3412	3467	3521	3576	3631	3686	3741	3796	3851	3906	
14	3960	4015	4070	4125	4180	4235	4290	4345	4399	4454	
15	4509	4564	4619	4674	4729	4784	4838	4893	4946	5003	
16	5058	5113	5168	5222	5277	5332	5387	5442	5497	5552	
17	5606	5661	5716	5771	5826	5881	5936	5990	6045	6100	
18	6155	6210	6265	6320	6374	6429	6484	6539	6594	6649	
19	6703	6758	6813	6868	6923	6978	7032	7087	7142	7197	
20	7252	7307	7361	7416	7471	7526	7581	7636	7690	7745	
7921	7800	7855	7910	7965	8019	8074	8129	8184	8239	8294	
23	8348	8403	8458	8513	8566	8622	8677	8732	8787	8842	
23	8897	8951	9006	9061	9116	9171	9225	9280	9335	9390	
24	9446	9499	9554	9609	9664	9719	9774	9829	9883	9938	
25	8893 0048	0102	0157	0212	0267	0321	0376	0431	0486	0541	
26	899 0541	0595	0650	0705	0760	0815	0869	0924	0979	1034	
27	1069	1123	1178	1233	1288	1343	1397	1452	1507	1562	
26	1636	1691	1746	1801	1856	1910	1965	2020	2075	2129	
29	2184	2239	2294	2348	2403	2458	2513	2568	2622	2677	
30	2732	2787	2841	2896	2951	3006	3060	3115	3170	3225	
7931	3279	3334	3389	3444	3499	3556	3608	3663	3718	3773	
33	3827	3882	3937	3991	4046	4101	4156	4210	4265	4320	
33	4375	4429	4484	4539	4594	4648	4703	4758	4812	4867	
34	4922	4977	5031	5086	5141	5196	5250	5305	5360	5415	
35	5469	5524	5579	5634	5688	5743	5798	5852	5907	5962	
36	6017	6071	6126	6181	6235	6290	6345	6400	6454	6509	
37	6564	6619	6673	6728	6783	6837	6892	6947	7002	7056	
38	7111	7166	7220	7275	7330	7384	7439	7484	7549	7603	
39	7658	7713	7767	7822	7877	7932	7986	8041	8096	8150	
40	8205	8260	8314	8369	8424	8479	8533	8588	8643	8697	
7941	8752	8807	8861	8916	8971	9025	9080	9135	9189	9244	
42	0299	9354	9408	9463	9518	9573	9627	9682	9736	9791	
43	9846	9900	9955	0010	0064	0119	0174	0228	0283	0338	
44	900 0392	0447	0502	0556	0611	0666	0720	0775	0830	0884	
45	0939	0994	1048	1103	1158	1212	1267	1322	1376	1431	
46	1486	1540	1595	1650	1704	1759	1814	1868	1923	1977	
47	2033	2087	2141	2196	2251	2305	2360	2415	2469	2524	
48	2579	2633	2688	2743	2797	2852	2906	2961	3016	3070	
49	3125	3180	3234	3289	3344	3398	3453	3507	3562	3617	
7950	6671	3726	3781	3835	3890	3944	3999	4054	4108	4163	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
7950	9003671	3726	3781	3835	3890	3944	3999	4054	4108	4163	
51	4218	4272	4327	4381	4436	4491	4545	4600	4654	4709	
52	4764	4818	4873	4928	4982	5037	5091	5146	5201	5255	
53	5310	5364	5419	5474	5528	5583	5637	5692	5747	5801	
54	5856	5910	5965	6020	6074	6129	6183	6238	6293	6347	
55	6402	6456	6511	6566	6620	6675	6729	6784	6839	6893	
56	6948	7002	7057	7112	7166	7221	7275	7330	7384	7439	
57	7494	7548	7603	7657	7712	7766	7821	7876	7930	7985	
58	8039	8094	8148	8203	8258	8312	8367	8421	8476	8530	
59	8585	8640	8694	8749	8803	8858	8912	8967	9022	9076	
60	9131	9185	9240	9294	9349	9403	9458	9513	9567	9622	
7061	9676	9731	9785	9840	9894	9949	0004	0058	0113	0167	
62	9010222	0276	0331	0385	0440	0494	0549	0604	0658	0713	
63	0767	0822	0876	0931	0985	1040	1094	1149	1203	1258	
64	1313	1367	1422	1476	1531	1585	1640	1694	1749	1803	
65	1858	1912	1967	2021	2076	2130	2185	2239	2294	2349	
66	2403	2458	2512	2567	2621	2676	2730	2785	2839	2894	
67	2948	3003	3057	3112	3166	3221	3275	3330	3384	3439	
68	3493	3548	3602	3657	3711	3766	3820	3875	3929	3984	
69	4038	4093	4147	4202	4256	4311	4365	4420	4474	4529	
70	4583	4638	4692	4747	4801	4856	4910	4965	5019	5074	
7071	5128	5183	5237	5292	5346	5401	5455	5509	5564	5618	
72	5673	5727	5782	5836	5891	5945	6000	6054	6109	6163	
73	6218	6272	6327	6381	6436	6490	6544	6599	6653	6708	
74	6762	6817	6871	6926	6980	7035	7089	7144	7198	7252	
75	7307	7361	7416	7470	7525	7579	7634	7688	7743	7797	
76	7851	7906	7960	8015	8069	8124	8178	8233	8287	8341	
77	8396	8450	8505	8559	8614	8668	8723	8777	8831	8886	
78	8940	8995	9049	9104	9158	9212	9267	9321	9376	9430	
79	9485	9539	9594	9648	9702	9757	9811	9866	9920	9974	
80	9020029	0083	0138	0192	0247	0301	0355	0410	0464	0519	
7981	0573	0628	0682	0736	0791	0845	0900	0954	1008	1063	
82	1117	1172	1226	1280	1335	1389	1444	1498	1552	1607	
83	1661	1716	1770	1824	1879	1933	1988	2042	2096	2151	
84	2205	2260	2314	2368	2423	2477	2532	2586	2640	2695	
85	2749	2804	2858	2912	2967	3021	3076	3130	3184	3239	
86	3293	3347	3402	3456	3511	3565	3619	3674	3728	3782	
87	3837	3891	3946	4000	4054	4109	4163	4217	4272	4326	
88	4381	4435	4489	4544	4598	4652	4707	4761	4815	4870	
89	4924	4979	5033	5087	5142	5196	5250	5305	5359	5413	
90	5468	5522	5577	5631	5685	5740	5794	5848	5903	5957	
7991	6011	6066	6120	6174	6229	6283	6337	6392	6446	6500	
92	6555	6609	6663	6718	6772	6826	6881	6935	6989	7044	
93	7098	7152	7207	7261	7315	7370	7424	7478	7533	7587	
94	7641	7696	7750	7804	7859	7913	7967	8022	8076	8130	
95	8185	8239	8293	8348	8402	8456	8511	8565	8619	8674	
96	8728	8782	8836	8891	8945	8999	9054	9108	9162	9217	
97	9271	9325	9380	9434	9488	9542	9597	9651	9705	9760	
98	9814	9868	9923	9977	0031	0085	0140	0194	0248	0303	
99	9030357	0411	0466	0520	0574	0628	0683	0737	0791	0846	
8000	0900	0954	1008	1063	1117	1171	1226	1280	1334	1388	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8000	9030900	0954	1008	1063	1117	1171	1225	1280	1334	1385	
01	1413	1497	1551	1606	1660	1714	1768	1823	1877	1931	
02	1985	2040	2094	2146	2203	2257	2311	2365	2420	2474	
03	2528	2582	2637	2691	2745	2799	2854	2908	2962	3017	
04	3071	3125	3179	3234	3286	3342	3396	3451	3505	3559	
05	3613	3668	3722	3776	3830	3885	3939	3993	4047	4102	
06	4158	4210	4264	4319	4373	4427	4481	4538	4590	4644	
07	4698	4753	4807	4861	4916	4969	5024	5078	5132	5185	
08	5241	5295	5349	5403	5458	5512	5566	5620	5674	5729	
09	5783	5837	5891	5946	6000	6054	6108	6163	6217	6271	
10	6325	6379	6434	6488	6542	6596	6650	6705	6759	6813	
8011	6867	6922	6976	7030	7084	7138	7193	7247	7301	7355	
12	7409	7464	7518	7572	7626	7680	7735	7789	7843	7897	
13	7951	8006	8060	8114	8168	8222	8277	8331	8385	8439	
14	8493	8548	8602	8656	8710	8764	8819	8873	8927	8981	
15	9035	9089	9144	9198	9252	9306	9360	9415	9469	9523	
16	9577	9631	9685	9740	9794	9848	9902	9955	10010	10065	
17	9040119	0173	0227	0281	0336	0390	0444	0496	0552	0606	
18	0661	0715	0769	0823	0877	0931	0985	1040	1094	1145	
19	1202	1256	1310	1365	1419	1473	1527	1581	1635	1690	
20	1744	1798	1852	1906	1960	2014	2069	2123	2177	2231	
8021	2285	2339	2393	2446	2502	2556	2610	2664	2718	2772	
22	2827	2881	2935	2989	3043	3097	3151	3205	3260	3314	
23	3368	3422	3476	3530	3584	3639	3693	3747	3801	3855	
24	3909	3963	4017	4072	4126	4180	4234	4288	4342	4396	
25	4450	4505	4559	4613	4667	4721	4775	4829	4883	4937	
26	4992	5046	5100	5154	5206	5262	5316	5370	5424	5479	
27	5533	5587	5641	5695	5749	5803	5857	5911	5965	6020	
28	6074	6128	6182	6236	6290	6344	6398	6452	6506	6560	
29	6615	6669	6723	6777	6831	6885	6939	6993	7047	7101	
30	7155	7210	7264	7318	7372	7426	7480	7534	7588	7642	
8031	7698	7750	7804	7858	7913	7967	8021	8075	8129	8183	
32	8237	8291	8345	8399	8453	8507	8561	8615	8670	8724	
33	8778	8832	8886	8940	8994	9048	9102	9156	9210	9264	
34	9318	9372	9426	9480	9534	9589	9643	9697	9751	9805	
35	9859	9913	9967	10021	10075	10129	10183	10237	10291	10345	
86	9050399	0453	0507	0561	0615	0669	0724	0778	0832	0886	
87	0940	0994	1048	1102	1156	1210	1264	1318	1372	1426	
88	1480	1534	1588	1642	1696	1750	1804	1858	1912	1966	
89	2020	2074	2128	2182	2236	2290	2344	2398	2452	2506	
90	2560	2615	2669	2723	2777	2831	2885	2939	2993	3047	
8041	3101	3155	3209	3263	3317	3371	3425	3479	3533	3587	
42	3641	3695	3749	3803	3857	3911	3965	4019	4073	4127	
43	4181	4235	4289	4343	4397	4451	4505	4559	4613	4667	
44	4721	4775	4829	4883	4937	4991	5045	5099	5153	5207	
45	5260	5314	5368	5422	5476	5530	5584	5638	5692	5746	
46	5800	5854	5908	5962	6016	6070	6124	6178	6232	6286	
47	6340	6394	6448	6502	6556	6610	6664	6718	6772	6826	
48	6880	6934	6988	7042	7096	7149	7203	7257	7311	7365	
49	7419	7473	7527	7581	7635	7689	7743	7797	7851	7905	
6050	7959	8013	8067	8121	8175	8229	8282	8336	8390	8444	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8050	9057959	8013	8067	8121	8175	8229	8282	8336	8390	8444	
51	8498	8552	8606	8660	8714	8768	8822	8876	8930	8984	
52	9038	9092	9146	9199	9253	9307	9361	9415	9469	9523	
53	9577	9631	9685	9739	9793	9847	9901	9954	0008	0062	
54	9060116	0170	0224	0278	0332	0386	0440	0494	0548	0602	
55	0655	0709	0763	0817	0871	0925	0979	1033	1087	1141	
56	1195	1248	1302	1356	1410	1464	1518	1572	1626	1680	
57	1734	1788	1841	1895	1949	2003	2057	2111	2165	2219	
58	2273	2327	2380	2434	2488	2542	2596	2650	2704	2758	
59	2812	2865	2919	2973	3027	3081	3135	3189	3243	3297	
60	3350	3404	3458	3512	3566	3620	3674	3728	3781	3835	
8061	3889	3943	3997	4051	4105	4159	4212	4266	4320	4374	
62	4428	4482	4536	4590	4643	4697	4751	4805	4859	4913	
63	4967	5020	5074	5128	5182	5236	5290	5344	5397	5451	
64	5505	5559	5613	5667	5721	5774	5828	5882	5936	5990	
65	6044	6098	6151	6205	6259	6313	6367	6421	6474	6528	
66	6582	6636	6690	6744	6798	6851	6905	6959	7013	7067	
67	7121	7174	7228	7282	7336	7390	7444	7497	7551	7605	
68	7659	7713	7767	7820	7874	7928	7982	8036	8090	8143	
69	8197	8251	8305	8359	8412	8466	8520	8574	8628	8682	
70	8735	8789	8843	8897	8951	9004	9058	9112	9166	9220	
8071	9273	9327	9381	9435	9489	9543	9596	9650	9704	9758	54
72	9812	9865	9919	9973	0027	0081	0134	0188	0242	0296	1 5
73	9070350	0403	0457	0511	0565	0618	0672	0726	0780	0834	2 11
74	0887	0941	0995	1049	1103	1156	1210	1264	1318	1372	3 16
75	1425	1479	1533	1587	1640	1694	1748	1802	1856	1909	4 22
76	1963	2017	2071	2124	2178	2232	2286	2340	2393	2447	5 27
77	2501	2555	2608	2662	2716	2770	2823	2877	2931	2985	6 32
78	3038	3092	3146	3200	3254	3307	3361	3415	3469	3522	7 38
79	3576	3630	3684	3737	3791	3845	3899	3952	4006	4060	8 43
80	4114	4167	4221	4275	4329	4382	4436	4490	4544	4597	9 49
8081	4651	4705	4759	4812	4866	4920	4974	5027	5081	5135	
82	5188	5242	5296	5350	5403	5457	5511	5565	5618	5672	
83	5726	5780	5833	5887	5941	5994	6048	6102	6156	6209	
84	6263	6317	6370	6424	6478	6532	6585	6639	6693	6747	
85	6800	6854	6908	6961	7015	7069	7123	7176	7230	7284	
86	7337	7391	7445	7498	7552	7606	7660	7713	7767	7821	
87	7874	7928	7982	8036	8089	8143	8197	8250	8304	8358	
88	8411	8465	8519	8573	8626	8680	8734	8787	8841	8895	
89	8948	9002	9056	9109	9163	9217	9270	9324	9378	9432	
90	9485	9539	9593	9646	9700	9754	9807	9861	9915	9968	
8091	9080022	0076	0129	0183	0237	0290	0344	0398	0451	0505	
92	0559	0612	0666	0720	0773	0827	0881	0934	0988	1042	
93	1095	1149	1203	1256	1310	1364	1417	1471	1525	1578	
94	1632	1686	1739	1793	1847	1900	1954	2008	2061	2115	
95	2169	2222	2276	2329	2383	2437	2490	2544	2598	2651	
96	2705	2759	2812	2866	2920	2973	3027	3080	3134	3188	
97	3241	3295	3349	3402	3456	3510	3563	3617	3670	3724	
98	3778	3831	3885	3939	3992	4046	4099	4153	4207	4260	
99	4314	4368	4421	4475	4528	4582	4636	4689	4743	4797	
8100	4850	4904	4957	5011	5065	5118	5172	5225	5279	5333	

No.	0	1	2	3	4	5	6	7	8	9	Dir.
8100	808	4850	4904	4957	5011	5065	5118	5172	5225	5279	5333
01		5386	5440	5494	5547	5601	5654	5708	5762	5815	5869
02		5922	5976	6030	6083	6137	6190	6244	6298	6351	6405
03		6458	6512	6566	6619	6673	6726	6780	6834	6887	6941
04		6994	7048	7102	7155	7209	7262	7316	7369	7423	7477
05		7530	7584	7637	7691	7745	7798	7852	7905	7959	8012
06		8066	8120	8173	8227	8280	8334	8387	8441	8495	8548
07		8602	8655	8709	8762	8816	8870	8923	8977	9030	9084
08		9137	9191	9245	9298	9352	9405	9459	9512	9566	9619
09		9673	9727	9780	9834	9887	9941	9994	0048	0101	0155
10	909	0209	0262	0318	0369	0423	0476	0530	0583	0637	0690
8111		0744	0798	0851	0905	0958	1012	1065	1119	1172	1226
12		1279	1333	1386	1440	1494	1547	1601	1654	1708	1761
13		1815	1868	1922	1975	2029	2082	2136	2189	2243	2297
14		2350	2404	2457	2511	2564	2618	2671	2725	2778	2832
15		2885	2939	2992	3046	3099	3153	3206	3260	3313	3367
16		3420	3474	3527	3581	3634	3686	3741	3795	3848	3902
17		3955	4009	4062	4116	4169	4223	4276	4330	4383	4437
18		4490	4544	4597	4651	4704	4756	4811	4865	4918	4972
19		5025	5079	5132	5186	5239	5293	5346	5400	5453	5507
20		5550	5614	5667	5721	5774	5828	5881	5935	5988	6042
8121		6095	6149	6202	6256	6309	6362	6416	6469	6523	6576
22		6630	6683	6737	6790	6844	6897	6951	7004	7058	7111
23		7165	7218	7271	7325	7378	7432	7485	7539	7592	7646
24		7699	7753	7806	7860	7913	7966	8020	8073	8127	8180
25		8234	8287	8341	8394	8447	8501	8554	8608	8661	8715
26		8766	8822	8875	8929	8982	9035	9089	9142	9196	9249
27		9303	9358	9409	9463	9516	9570	9623	9677	9730	9784
28		9837	9890	9944	9997	0051	0104	0158	0211	0264	0318
29	910	0371	0425	0478	0532	0585	0638	0692	0745	0799	0852
30		0905	0959	1012	1066	1119	1173	1226	1279	1333	1386
6131		1440	1493	1546	1600	1653	1707	1760	1813	1867	1920
32		1974	2027	2081	2134	2187	2241	2294	2348	2401	2454
33		2508	2561	2615	2668	2721	2775	2828	2882	2935	2988
34		3042	3095	3148	3202	3255	3309	3362	3415	3468	3522
35		3576	3629	3682	3736	3789	3843	3896	3949	4003	4056
36		4109	4163	4216	4270	4323	4376	4430	4483	4536	4590
37		4643	4697	4750	4803	4857	4910	4963	5017	5070	5123
38		5177	5230	5284	5337	5390	5444	5497	5550	5604	5657
39		5710	5764	5817	5871	5924	5977	6031	6084	6137	6191
40		6244	6297	6351	6404	6457	6511	6564	6618	6671	6724
8141		6778	6831	6884	6936	6991	7044	7098	7151	7204	7258
42		7311	7364	7418	7471	7524	7576	7631	7684	7738	7791
43		7844	7898	7951	8004	8058	8111	8164	8218	8271	8324
44		8378	8431	8484	8538	8591	8644	8698	8751	8804	8856
45		8911	8964	9018	9071	9124	9177	9231	9284	9337	9391
46		9444	9497	9551	9604	9657	9711	9764	9817	9871	9924
47		9977	0030	0084	0137	0190	0244	0297	0350	0404	0457
48	911	0510	0564	0617	0670	0723	0777	0830	0883	0937	0990
49		1043	1096	1150	1203	1256	1310	1363	1416	1470	1523
8150		1576	1629	1683	1736	1789	1843	1896	1949	2002	2056

No.	0	1	2	3	4	5	6	7	8	9	Diff.
8150	911	1576	1629	1683	1736	1789	1843	1896	1949	2002	2056
51		2109	2162	2216	2269	2322	2375	2429	2482	2535	2588
52		2642	2695	2748	2802	2855	2908	2961	3015	3068	3121
53		3174	3228	3281	3334	3387	3441	3494	3547	3601	3654
54		3707	3760	3814	3867	3920	3973	4027	4080	4133	4186
55		4240	4293	4346	4399	4463	4506	4559	4612	4666	4719
56		4772	4825	4879	4932	4985	5038	5092	5145	5198	5251
57		5305	5358	5411	5464	5518	5571	5624	5677	5731	5784
58		5837	5890	5943	5997	6050	6103	6156	6210	6263	6316
59		6369	6423	6476	6529	6582	6635	6689	6742	6795	6848
60		6902	6955	7008	7061	7114	7168	7221	7274	7327	7381
8161		7434	7487	7540	7593	7647	7700	7753	7806	7859	7913
62		7966	8019	8072	8126	8179	8232	8285	8338	8392	8445
63		8498	8551	8604	8658	8711	8764	8817	8870	8924	8977
64		9030	9083	9136	9190	9243	9296	9349	9402	9456	9509
65		9562	9615	9668	9721	9775	9828	9881	9934	9987	0041
66	912	0094	0147	0200	0253	0306	0360	0413	0466	0519	0572
67		0626	0679	0732	0785	0838	0891	0945	0998	1051	1104
68		1157	1210	1264	1317	1370	1423	1476	1529	1583	1636
69		1689	1742	1795	1848	1902	1955	2008	2061	2114	2167
70		2221	2274	2327	2380	2433	2486	2539	2593	2646	2699
8171		2752	2805	2858	2912	2965	3018	3071	3124	3177	3230
72		3284	3337	3390	3443	3496	3549	3602	3656	3709	3762
73		3815	3868	3921	3974	4028	4081	4134	4187	4240	4293
74		4346	4399	4453	4506	4559	4612	4665	4718	4771	4824
75		4878	4931	4984	5037	5090	5143	5196	5249	5303	5356
76		5409	5462	5515	5568	5621	5674	5728	5781	5834	5887
77		5940	5993	6046	6099	6152	6206	6259	6312	6365	6418
78		6471	6524	6577	6630	6683	6737	6790	6843	6896	6949
79		7002	7055	7108	7161	7214	7268	7321	7374	7427	7480
80		7533	7586	7639	7692	7745	7798	7852	7905	7958	8011
8181		8064	8117	8170	8223	8276	8329	8382	8436	8489	8542
82		8595	8648	8701	8754	8807	8860	8913	8966	9019	9072
83		9126	9179	9232	9285	9338	9391	9444	9497	9550	9603
84		9656	9709	9762	9815	9868	9922	9975	0028	0081	0134
85	913	0187	0240	0293	0346	0399	0452	0505	0558	0611	0664
86		0717	0770	0824	0877	0930	0983	1036	1089	1142	1195
87		1248	1301	1354	1407	1460	1513	1566	1619	1672	1725
88		1778	1831	1884	1937	1990	2044	2097	2150	2203	2256
89		2309	2362	2415	2468	2521	2574	2627	2680	2733	2786
90		2839	2892	2945	2998	3051	3104	3157	3210	3263	3316
8191		3369	3422	3475	3528	3581	3634	3687	3740	3793	3846
92		3899	3952	4005	4058	4111	4165	4218	4271	4324	4377
93		4430	4483	4536	4589	4642	4695	4748	4801	4854	4907
94		4960	5013	5066	5119	5172	5225	5278	5331	5384	5437
95		5490	5543	5596	5649	5702	5755	5808	5861	5914	5967
96		6019	6072	6125	6178	6231	6284	6337	6390	6443	6496
97		6549	6602	6655	6708	6761	6814	6867	6920	6973	7026
98		7079	7132	7185	7238	7291	7344	7397	7450	7503	7556
99		7609	7662	7715	7768	7821	7874	7927	7980	8033	8086
8200		8139	8191	8244	8297	8350	8403	8456	8509	8562	8615

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8200	813	8139	8191	8244	8297	8350	8403	8456	8509	8562	8616
01		8668	8721	8774	8827	8880	8933	8986	9039	9092	9145
02		9198	9251	9304	9358	9409	9462	9515	9568	9621	9674
03		9727	9780	9833	9888	9939	9992	0045	0098	0151	0204
04	914	0257	0309	0362	0413	0468	0521	0574	0627	0680	0733
05		0786	0839	0892	0945	0998	1050	1103	1156	1209	1262
06		1315	1368	1421	1474	1527	1580	1633	1686	1738	1791
07		1844	1897	1950	2003	2058	2109	2152	2215	2268	2321
08		2373	2426	2479	2532	2585	2638	2691	2744	2797	2850
09		2903	2955	3006	3061	3114	3167	3220	3273	3326	3379
10		3432	3484	3537	3590	3643	3696	3749	3802	3855	3908
8211		3961	4013	4066	4119	4172	4225	4278	4331	4384	4437
12		4489	4542	4595	4648	4701	4754	4807	4860	4912	4965
13		5018	5071	5124	5177	5230	5283	5335	5388	5441	5494
14		5547	5600	5653	5708	5758	5811	5864	5917	5970	6023
15		6076	6129	6181	6234	6287	6340	6393	6446	6499	6551
16		6604	6657	6710	6763	6816	6869	6921	6974	7027	7080
17		7133	7186	7239	7291	7344	7397	7450	7503	7556	7609
18		7661	7714	7767	7820	7873	7925	7978	8031	8084	8137
19		8180	8243	8295	8346	8401	8454	8507	8560	8613	8665
20		8718	8771	8824	8877	8930	8982	9035	9088	9141	9194
8221		9246	9299	9352	9405	9458	9511	9563	9616	9669	9722
22		8775	8828	9880	9933	9988	0039	0092	0144	0197	0250
23	915	0303	0358	0409	0461	0514	0567	0620	0678	0726	0778
24		0831	0884	0937	0989	1042	1095	1148	1201	1253	1306
25		1359	1412	1465	1517	1570	1623	1678	1729	1781	1834
26		1887	1946	1993	2045	2098	2151	2204	2257	2309	2362
27		2415	2468	2521	2573	2628	2679	2732	2784	2837	2890
28		2943	2996	3048	3101	3154	3207	3260	3312	3365	3418
29		3471	3523	3578	3629	3682	3734	3787	3840	3893	3946
30		3998	4051	4104	4157	4209	4262	4316	4368	4420	4473
8231		4526	4579	4632	4684	4737	4790	4843	4895	4948	5001
32		5054	5106	5159	5212	5265	5317	5370	5423	5476	5528
33		5581	5634	5687	5739	5792	5845	5898	5950	6003	6056
34		6109	6161	6214	6267	6320	6372	6425	6478	6531	6583
35		6636	6689	6742	6794	6847	6900	6952	7005	7058	7111
36		7163	7216	7269	7322	7374	7427	7480	7532	7585	7638
37		7691	7743	7796	7849	7902	7854	8007	8060	8112	8165
38		8216	8271	8323	8376	8429	8481	8534	8587	8640	8692
39		8745	8798	8850	8903	8956	9009	9061	9114	9167	9219
40		9272	9325	9378	9430	9483	9536	9588	9641	9694	9746
6241		9799	9852	9905	9957	0010	0063	0116	0168	0221	0273
42	818	0326	0379	0431	0484	0537	0590	0642	0695	0748	0800
43		0853	0906	0958	1011	1064	1116	1169	1222	1274	1327
44		1380	1433	1485	1538	1591	1643	1696	1749	1801	1854
45		1907	1959	2012	2065	2117	2170	2223	2275	2328	2381
46		2433	2486	2539	2591	2644	2697	2749	2802	2855	2907
47		2966	3013	3065	3118	3171	3223	3276	3329	3381	3434
48		3487	3539	3593	3644	3697	3750	3802	3855	3908	3960
49		4013	4066	4118	4171	4224	4276	4329	4382	4434	4487
8256		4539	4592	4645	4697	4750	4803	4855	4908	4961	5013

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8250	916	4539	4592	4645	4697	4750	4803	4855	4908	4961	5013
51	5066	5119	5171	5224	5276	5329	5382	5434	5487	5540	
52	5592	5645	5697	5750	5803	5855	5908	5961	6013	6066	
53	6118	6171	6224	6276	6329	6382	6434	6487	6539	6592	
54	6645	6697	6750	6802	6855	6908	6960	7013	7066	7118	
55	7171	7223	7276	7329	7381	7434	7486	7539	7592	7644	
56	7697	7749	7802	7855	7907	7960	8012	8065	8118	8170	
57	8223	8275	8328	8381	8433	8486	8538	8591	8644	8696	
58	8749	8801	8854	8907	8959	9012	9064	9117	9169	9222	
59	9275	9327	9380	9432	9485	9538	9590	9643	9695	9748	
60	9800	9853	9906	9958	0011	0063	0116	0169	0221	0274	
8261	917	0326	0379	0431	0484	0537	0589	0642	0694	0747	0799
62	0852	0904	0957	1010	1062	1115	1167	1220	1272	1325	
63	1378	1430	1483	1535	1588	1640	1693	1745	1798	1851	
64	1903	1956	2008	2061	2113	2166	2218	2271	2323	2376	
65	2429	2481	2534	2586	2639	2691	2744	2796	2849	2901	
66	2954	3007	3059	3112	3164	3217	3269	3322	3374	3427	
67	3479	3532	3584	3637	3690	3742	3795	3847	3900	3952	
68	4005	4057	4110	4162	4215	4267	4320	4372	4425	4477	
69	4530	4582	4635	4687	4740	4793	4845	4898	4950	5003	
70	5055	5108	5160	5213	5265	5318	5370	5423	5475	5528	
8271	5580	5633	5685	5738	5790	5843	5895	5948	6000	6053	
72	6105	6158	6210	6263	6315	6368	6420	6473	6525	6578	
73	6630	6683	6735	6788	6840	6893	6945	6998	7050	7103	
74	7155	7208	7260	7313	7365	7418	7470	7523	7575	7628	
75	7680	7733	7785	7837	7890	7942	7995	8047	8100	8152	
76	8205	8257	8310	8362	8415	8467	8520	8572	8625	8677	
77	8730	8782	8834	8887	8939	8992	9044	9097	9149	9202	
78	9254	9307	9359	9412	9464	9517	9569	9621	9674	9726	
79	9779	9831	9884	9936	9989	0041	0094	0146	0198	0251	
80	918	0303	0356	0408	0461	0513	0566	0618	0671	0723	0775
8281	0828	0880	0933	0985	1038	1090	1143	1195	1247	1300	
82	1352	1405	1457	1510	1562	1614	1667	1719	1772	1824	
83	1877	1929	1981	2034	2086	2139	2191	2244	2296	2348	
84	2401	2453	2506	2558	2611	2663	2715	2768	2820	2873	
85	2925	2978	3030	3082	3135	3187	3240	3292	3344	3397	
86	3449	3502	3554	3607	3659	3711	3764	3816	3869	3921	
87	3973	4026	4078	4131	4183	4235	4288	4340	4393	4445	
88	4497	4550	4602	4655	4707	4759	4812	4864	4917	4969	
89	5021	5074	5126	5179	5231	5283	5336	5388	5441	5493	
90	5545	5598	5650	5702	5755	5807	5860	5912	5964	6017	
8291	6069	6122	6174	6226	6279	6331	6383	6436	6488	6541	
92	6593	6645	6698	6750	6802	6855	6907	6960	7012	7064	
93	7117	7169	7221	7274	7326	7378	7431	7483	7536	7588	
94	7640	7693	7745	7797	7850	7902	7954	8007	8059	8112	
95	8164	8216	8269	8321	8373	8426	8478	8530	8583	8635	
96	8687	8740	8792	8844	8897	8949	9002	9054	9106	9159	
97	9211	9263	9316	9368	9420	9473	9525	9577	9630	9682	
98	9734	9787	9839	9891	9944	9996	0048	0101	0153	0205	
99	919	0258	0310	0362	0415	0467	0519	0572	0624	0676	0729
8300	0781	0833	0886	0938	0990	1043	1095	1147	1200	1252	

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8300	919	0781	0833	0888	0938	0990	1043	1095	1147	1200	1252
01		1304	1356	1409	1461	1513	1566	1618	1670	1723	1775
02		1827	1880	1932	1984	2037	2089	2141	2193	2246	2298
03		2350	2403	2455	2507	2560	2612	2664	2717	2769	2821
04		2873	2926	2978	3030	3083	3135	3187	3239	3292	3344
05		3396	3449	3501	3553	3606	3658	3710	3762	3815	3867
06		3919	3972	4024	4076	4128	4181	4233	4285	4338	4390
07		4442	4494	4547	4599	4651	4703	4756	4808	4860	4913
08		4965	5017	5089	5122	5174	5226	5279	5331	5383	5435
09		5486	5540	5592	5644	5697	5749	5801	5853	5906	5958
10		6010	6062	6115	6167	6219	6272	6324	6376	6428	6481
8311		6533	6585	6637	6690	6742	6794	6846	6899	6951	7003
12		7055	7108	7160	7212	7264	7317	7369	7421	7473	7526
13		7578	7630	7682	7735	7787	7839	7891	7943	7996	8048
14		8100	8152	8205	8257	8309	8361	8414	8466	8518	8570
15		8623	8675	8727	8779	8831	8884	8936	8988	9040	9093
16		9145	9197	9249	9301	9354	9406	9458	9510	9563	9615
17		9667	9719	9771	9824	9876	9928	9980	0033	0085	0137
18	920	0189	0241	0294	0346	0398	0450	0502	0555	0607	0659
19		0711	0763	0816	0868	0920	0972	1024	1077	1129	1181
20		1236	1288	1336	1390	1442	1484	1546	1598	1651	1703
8321		1755	1807	1860	1912	1964	2016	2068	2121	2173	2225
22		2277	2329	2381	2434	2486	2538	2590	2642	2695	2747
23		2799	2851	2903	2965	3008	3060	3112	3164	3218	3260
24		3321	3373	3425	3477	3528	3582	3634	3686	3738	3790
25		3842	3895	3947	3999	4051	4103	4155	4208	4260	4312
26		4384	4416	4468	4521	4573	4625	4677	4729	4781	4833
27		4886	4938	4990	5042	5094	5145	5199	5251	5303	5355
28		5407	5459	5511	5564	5618	5668	5720	5772	5824	5876
29		5929	5981	6033	6085	6137	6189	6241	6294	6346	6398
30		6450	6502	6554	6606	6659	6711	6763	6815	6867	6919
8331		6971	7023	7076	7128	7180	7232	7284	7336	7388	7440
32		7493	7545	7597	7649	7701	7753	7805	7857	7910	7962
33		8014	8066	8118	8170	8222	8274	8327	8379	8431	8483
34		8535	8587	8639	8691	8743	8796	8848	8900	8952	9004
35		9056	9108	9160	9212	9264	9317	9369	9421	9473	9525
36		9577	9629	9681	9733	9785	9838	9890	9942	9994	0046
37	821	0098	0150	0202	0254	0306	0358	0411	0463	0515	0567
38		0619	0671	0723	0775	0827	0879	0931	0983	1036	1088
39		1140	1192	1244	1296	1348	1400	1452	1504	1556	1608
40		1681	1713	1765	1817	1869	1921	1973	2025	2077	2129
8341		2181	2233	2285	2337	2389	2442	2494	2546	2598	2650
42		2702	2754	2806	2858	2910	2962	3014	3066	3118	3170
43		3222	3274	3327	3379	3431	3483	3535	3587	3639	3691
44		3743	3795	3847	3899	3951	4003	4055	4107	4159	4211
45		4283	4316	4367	4420	4472	4524	4576	4628	4680	4732
46		4784	4838	4888	4940	4992	5044	5098	5148	5200	5252
47		5304	5356	5408	5460	5512	5564	5616	5668	5720	5772
48		5824	5876	5928	5980	6032	6085	6137	6189	6241	6293
49		6345	6397	6449	6501	6553	6605	6657	6709	6761	6813
8350		6865	6917	6969	7021	7073	7125	7177	7229	7281	7333

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
6350	921 6865	6917	6969	7021	7073	7125	7177	7229	7281	7333	
51	7385	7437	7489	7541	7593	7645	7697	7749	7801	7853	
52	7905	7957	8009	8061	8113	8165	8217	8269	8321	8373	
53	8425	8477	8529	8581	8633	8685	8737	8789	8841	8893	
54	8945	8997	9049	9101	9153	9205	9257	9309	9361	9413	
55	9465	9517	9569	9620	9672	9724	9776	9828	9880	9932	
56	9984	0036	0088	0140	0192	0244	0296	0348	0400	0452	
57	922 0504	0556	0608	0660	0712	0764	0816	0868	0920	0972	
58	1024	1076	1128	1180	1232	1283	1335	1387	1439	1491	
59	1543	1595	1647	1699	1751	1803	1855	1907	1959	2011	
60	2063	2115	2167	2219	2271	2323	2374	2426	2478	2530	
8361	2582	2634	2686	2738	2790	2842	2894	2946	2998	3050	
62	3102	3154	3206	3257	3309	3361	3413	3465	3517	3569	
63	3621	3673	3725	3777	3829	3881	3933	3984	4036	4088	
64	4140	4192	4244	4296	4348	4400	4452	4504	4556	4608	
65	4659	4711	4763	4815	4867	4919	4971	5023	5075	5127	
66	5179	5231	5282	5334	5386	5438	5490	5542	5594	5646	
67	5698	5750	5801	5853	5905	5957	6009	6061	6113	6165	
68	6217	6269	6321	6372	6424	6476	6528	6580	6632	6684	
69	6736	6788	6839	6891	6943	6995	7047	7099	7151	7203	
70	7255	7306	7358	7410	7462	7514	7566	7618	7670	7722	
8371	7773	7825	7877	7929	7981	8033	8085	8137	8188	8240	
72	8292	8344	8396	8448	8500	8552	8603	8655	8707	8759	
73	8811	8863	8915	8967	9018	9070	9122	9174	9226	9278	
74	9330	9381	9433	9485	9537	9589	9641	9693	9744	9796	
75	9848	9900	9952	0004	0056	0107	0159	0211	0263	0315	
76	923 0367	0419	0470	0522	0574	0626	0678	0730	0781	0833	
77	0885	0937	0989	1041	1093	1144	1196	1248	1300	1352	
78	1404	1455	1507	1559	1611	1663	1715	1766	1818	1870	
79	1922	1974	2026	2077	2129	2181	2233	2285	2337	2388	
80	2440	2492	2544	2596	2647	2699	2751	2803	2855	2907	
8381	2958	3010	3062	3114	3166	3217	3269	3321	3373	3425	
82	3477	3528	3580	3632	3684	3736	3787	3839	3891	3943	
83	3995	4046	4098	4150	4202	4254	4305	4357	4409	4461	
84	4513	4564	4616	4668	4720	4772	4823	4875	4927	4979	
85	5031	5082	5134	5186	5238	5290	5341	5393	5445	5497	
86	5549	5600	5652	5704	5756	5808	5859	5911	5963	6015	
87	6066	6118	6170	6222	6274	6325	6377	6429	6481	6532	
88	6584	6636	6688	6740	6791	6843	6895	6947	6998	7050	
89	7102	7154	7205	7257	7309	7361	7413	7464	7516	7568	
90	7620	7671	7723	7775	7827	7878	7930	7982	8034	8085	
8391	8137	8189	8241	8292	8344	8396	8448	8499	8551	8603	
92	8655	8707	8758	8810	8862	8913	8965	9017	9069	9120	
93	9172	9224	9276	9327	9379	9431	9483	9534	9586	9638	
94	9690	9741	9793	9845	9897	9948	0000	0052	0104	0155	
95	924 0207	0259	0310	0362	0414	0466	0517	0569	0621	0673	
96	0724	0776	0828	0879	0931	0983	1035	1086	1138	1190	
97	1242	1293	1345	1397	1448	1500	1552	1604	1655	1707	
98	1759	1810	1862	1914	1966	2017	2069	2121	2172	2224	
99	2276	2328	2379	2431	2483	2534	2586	2638	2689	2741	
5400	2793	2845	2896	2948	3000	3051	3103	3155	3206	3258	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8400	924	2793	2845	2896	2948	3000	3051	3103	3155	3206	3258
01		3310	3362	3413	3465	3517	3568	3620	3672	3723	3775
02		3827	3878	3930	3982	4034	4085	4137	4189	4240	4292
03		4344	4395	4447	4499	4550	4602	4654	4705	4757	4809
04		4860	4912	4964	5015	5067	5119	5170	5222	5274	5326
05		5377	5429	5481	5532	5584	5636	5687	5739	5791	5842
06		5894	5946	5997	6049	6101	6152	6204	6255	6307	6359
07		6410	6462	6514	6565	6617	6669	6720	6772	6824	6875
08		6927	6979	7030	7082	7134	7185	7237	7289	7340	7392
09		7444	7495	7547	7598	7650	7702	7753	7805	7857	7908
10		7960	8012	8063	8115	8167	8218	8270	8321	8373	8425
6411		8476	8528	8580	8631	8683	8734	8786	8838	8889	8941
12		8993	9044	9096	9148	9199	9251	9302	9354	9406	9457
13		9509	9561	9612	9664	9718	9769	9819	9870	9922	9973
14	625	0025	0077	0128	0180	0232	0283	0335	0386	0438	0490
15		0541	0593	0644	0696	0748	0799	0851	0902	0954	1006
16		1057	1109	1160	1212	1264	1315	1367	1418	1470	1522
17		1573	1625	1676	1728	1780	1831	1883	1934	1986	2038
18		2089	2141	2192	2244	2296	2347	2399	2450	2502	2554
19		2605	2657	2708	2760	2811	2863	2915	2966	3018	3069
20		3121	3172	3224	3276	3327	3379	3430	3482	3534	3585
8421		3637	3688	3740	3791	3843	3895	3946	3998	4049	4101
22		4152	4204	4256	4307	4359	4410	4462	4513	4565	4616
23		4668	4720	4771	4823	4874	4926	4977	5029	5080	5132
24		5184	5235	5287	5338	5390	5441	5493	5544	5596	5648
25		5699	5751	5802	5854	5905	6057	6008	6060	6111	6165
26		6215	6266	6316	6369	6421	6472	6524	6575	6627	6678
27		6730	6781	6833	6885	6936	6988	7039	7091	7142	7194
28		7245	7297	7348	7400	7451	7503	7554	7606	7657	7709
29		7761	7812	7864	7915	7967	8018	8070	8121	8173	8224
30		8276	8327	8379	8430	8482	8533	8585	8636	8688	8739
6431		8791	8842	8894	8945	8997	9048	9100	9151	9203	9254
32		9306	9357	9409	9460	9512	9563	9615	9667	9718	9770
33		9821	9873	9924	9975	0027	0078	0130	0181	0233	0284
34	926	0338	0389	0439	0490	0542	0593	0645	0696	0748	0799
35		0851	0902	0954	1005	1057	1108	1160	1211	1263	1314
36		1366	1417	1469	1520	1572	1623	1675	1726	1778	1829
37		1880	1932	1983	2035	2086	2138	2189	2241	2292	2344
38		2395	2447	2498	2550	2601	2653	2704	2755	2807	2858
39		2910	2961	3013	3064	3116	3167	3219	3270	3322	3373
40		3424	3476	3527	3579	3630	3682	3733	3785	3836	3888
6441		3939	3990	4042	4093	4145	4196	4248	4299	4351	4402
42		4453	4505	4556	4608	4659	4711	4762	4814	4865	4916
43		4968	5019	5071	5122	5174	5225	5277	5328	5379	5431
44		5482	5534	5585	5637	5688	5739	5791	5842	5894	5945
45		5997	6048	6099	6151	6202	6254	6305	6357	6408	6459
46		6511	6562	6614	6665	6716	6768	6819	6871	6922	6974
47		7025	7076	7128	7179	7231	7282	7333	7385	7436	7488
48		7539	7590	7642	7693	7745	7796	7847	7899	7950	8002
49		8053	8105	8156	8207	8259	8310	8362	8413	8464	8516
8450		8567	8618	8670	8721	8773	8824	8875	8927	8978	9030

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8450	926 8567	8618	8670	8721	8773	8824	8875	8927	8978	9030	
51	9081	9132	9184	9235	9287	9338	9389	9441	9492	9543	
52	9595	9646	9698	9749	9800	9852	9903	9955	0006	0057	
53	927 0109	0160	0211	0263	0314	0366	0417	0468	0520	0571	
54	0622	0674	0725	0777	0828	0879	0931	0982	1033	1085	
55	1136	1187	1239	1290	1342	1393	1444	1496	1547	1598	
56	1650	1701	1752	1804	1855	1907	1958	2009	2061	2112	
57	2163	2215	2266	2317	2369	2420	2471	2523	2574	2625	
58	2677	2728	2780	2831	2882	2934	2985	3036	3088	3139	
59	3190	3242	3293	3344	3396	3447	3498	3550	3601	3652	
60	3704	3755	3806	3858	3909	3960	4012	4063	4114	4166	
8461	4217	4268	4320	4371	4422	4474	4525	4576	4628	4679	
62	4730	4782	4833	4884	4935	4987	5038	5089	5141	5192	
63	5243	5295	5346	5397	5449	5500	5551	5603	5654	5705	
64	5757	5808	5859	5910	5962	6013	6064	6116	6167	6218	
65	6270	6321	6372	6424	6475	6526	6577	6629	6680	6731	
66	6783	6834	6885	6937	6988	7039	7090	7142	7193	7244	
67	7296	7347	7398	7449	7501	7552	7603	7655	7706	7757	
68	7808	7860	7911	7962	8014	8065	8116	8167	8219	8270	
69	8321	8373	8424	8475	8526	8578	8629	8680	8732	8783	
70	8834	8885	8937	8988	9039	9090	9142	9193	9244	9296	
8471	9347	9398	9449	9501	9552	9603	9654	9706	9757	9808	
72	9859	9911	9962	0013	0065	0116	0167	0218	0270	0321	
73	928 0372	0423	0475	0526	0577	0628	0680	0731	0782	0833	
74	0885	0936	0987	1038	1090	1141	1192	1243	1295	1346	
75	1397	1448	1500	1551	1602	1653	1705	1756	1807	1858	
76	1909	1961	2012	2063	2114	2166	2217	2268	2319	2371	
77	2422	2473	2524	2576	2627	2678	2729	2780	2832	2883	
78	2934	2985	3037	3088	3139	3190	3241	3293	3344	3395	
79	3446	3498	3549	3600	3651	3702	3754	3805	3856	3907	
80	3959	4010	4061	4112	4163	4215	4266	4317	4368	4419	
8481	4471	4522	4573	4624	4675	4727	4778	4829	4880	4931	
82	4983	5034	5085	5136	5187	5239	5290	5341	5392	5443	
83	5495	5546	5597	5648	5699	5751	5802	5853	5904	5955	
84	6007	6058	6109	6160	6211	6263	6314	6365	6416	6467	
85	6518	6570	6621	6672	6723	6774	6826	6877	6928	6979	
86	7030	7081	7133	7184	7235	7286	7337	7389	7440	7491	
87	7543	7593	7644	7696	7747	7798	7849	7900	7951	8003	
88	8054	8105	8156	8207	8258	8310	8361	8412	8463	8514	
89	8565	8616	8668	8719	8770	8821	8872	8923	8975	9026	
90	9077	9128	9179	9230	9282	9333	9384	9435	9486	9537	
8491	9588	9640	9691	9742	9793	9844	9895	9946	9998	0049	
92	929 0100	0151	0202	0253	0304	0356	0407	0458	0509	0560	
93	0611	0662	0714	0765	0816	0867	0918	0969	1020	1071	
94	1123	1174	1225	1276	1327	1378	1429	1480	1532	1583	
95	1634	1685	1736	1787	1838	1889	1941	1992	2043	2094	
96	2145	2196	2247	2298	2350	2401	2452	2503	2554	2605	
97	2656	2707	2758	2810	2861	2912	2963	3014	3065	3116	
98	3167	3218	3269	3321	3372	3423	3474	3525	3576	3627	
99	3678	3729	3780	3832	3883	3934	3985	4036	4087	4138	
8500	4189	4240	4291	4343	4394	4445	4496	4547	4598	4649	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8500	929	4189	4240	4291	4343	4394	4445	4498	4547	4598	4649
01		4700	4751	4802	4853	4905	4956	5007	5058	5109	5160
02		5211	5262	5313	5364	5415	5466	5517	5569	5620	5671
03		5722	5773	5824	5876	5926	5977	6028	6079	6130	6181
04		6233	6284	6335	6386	6437	6488	6539	6590	6641	6692
05		6743	6794	6845	6896	6947	6998	7050	7101	7152	7203
06		7254	7305	7356	7407	7458	7509	7560	7611	7662	7713
07		7764	7815	7866	7917	7969	8020	8071	8122	8173	8224
08		8275	8326	8377	8428	8479	8530	8581	8632	8683	8734
09		8785	8836	8887	8938	8989	9040	9091	9142	9193	9245
10		9296	9347	9398	9449	9500	9551	9602	9653	9704	9755
8511		9808	9857	9908	9959	0010	0061	0112	0163	0214	0265
12	930	0316	0367	0418	0469	0520	0571	0622	0673	0724	0775
13		0826	0877	0928	0979	1030	1081	1132	1183	1234	1285
14		1336	1387	1438	1489	1540	1591	1643	1694	1745	1796
15		1847	1898	1949	2000	2051	2102	2153	2204	2255	2306
16		2357	2408	2459	2510	2561	2612	2663	2713	2764	2815
17		2866	2917	2968	3019	3070	3121	3172	3223	3274	3325
18		3376	3427	3478	3529	3580	3631	3682	3733	3784	3835
19		3886	3937	3988	4039	4090	4141	4192	4243	4294	4345
20		4396	4447	4498	4549	4600	4651	4702	4753	4804	4855
8521		4906	4957	5008	5059	5110	5160	5211	5262	5313	5364
22		5415	5466	5517	5568	5619	5670	5721	5772	5823	5874
23		5925	5976	6027	6078	6129	6180	6231	6282	6333	6384
24		6434	6485	6536	6587	6638	6689	6740	6791	6842	6893
25		6944	6995	7046	7097	7148	7199	7250	7301	7352	7403
26		7453	7504	7555	7606	7657	7708	7759	7810	7861	7912
27		7963	8014	8065	8116	8167	8217	8268	8319	8370	8421
28		8472	8523	8574	8625	8676	8727	8778	8829	8879	8930
29		8981	9032	9083	9134	9185	9236	9287	9338	9388	9439
30		9490	9541	9592	9643	9694	9745	9796	9847	9898	9949
8531		9999	0050	0101	0152	0203	0254	0305	0356	0407	0458
32	931	0508	0559	0610	0661	0712	0763	0814	0865	0916	0967
33		1017	1068	1119	1170	1221	1272	1323	1374	1425	1476
34		1526	1577	1628	1679	1730	1781	1832	1883	1934	1985
35		2035	2086	2137	2188	2239	2290	2341	2391	2442	2493
36		2544	2595	2646	2697	2748	2798	2849	2900	2951	3002
37		3053	3104	3155	3206	3256	3307	3358	3409	3460	3511
38		3562	3612	3663	3714	3765	3816	3867	3918	3968	4019
39		4070	4121	4172	4223	4274	4324	4375	4426	4477	4528
40		4579	4630	4680	4731	4782	4833	4884	4935	4986	5036
8541		5087	5138	5189	5240	5291	5341	5392	5443	5494	5545
42		5596	5647	5697	5748	5799	5850	5901	5952	6003	6053
43		6104	6155	6206	6257	6307	6358	6409	6460	6511	6562
44		6612	6663	6714	6765	6816	6867	6917	6968	7019	7070
45		7121	7171	7222	7273	7324	7375	7426	7476	7527	7578
46		7629	7680	7731	7781	7832	7883	7934	7985	8035	8086
47		8137	8188	8239	8289	8340	8391	8442	8493	8544	8594
48		8645	8696	8747	8798	8848	8899	8950	9001	9052	9102
49		9153	9204	9255	9306	9356	9407	9458	9509	9560	9610
8550		9661	9712	9763	9814	9864	9915	9966	0017	0067	0118
932											

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8550	9319661	9712	9763	9814	9864	9915	9966	0017	0067	0118	
51	9320169	0220	0271	0321	0372	0423	0474	0525	0575	0626	
52	0677	0728	0778	0829	0880	0931	0982	1032	1083	1134	
53	1185	1235	1286	1337	1388	1439	1489	1540	1591	1642	
54	1692	1743	1794	1845	1896	1946	1997	2048	2099	2149	
55	2200	2251	2302	2352	2403	2454	2505	2555	2606	2657	
56	2708	2759	2809	2860	2911	2962	3012	3063	3114	3165	
57	3215	3266	3317	3368	3418	3469	3520	3571	3621	3672	
58	3723	3774	3824	3875	3926	3977	4027	4078	4129	4180	
59	4230	4281	4332	4382	4433	4484	4535	4585	4636	4687	
60	4738	4788	4839	4890	4941	4991	5042	5093	5144	5194	
8561	5245	5296	5346	5397	5448	5499	5549	5600	5651	5702	
62	5752	5803	5854	5904	5955	6006	6057	6107	6158	6209	
63	6259	6310	6361	6412	6462	6513	6564	6614	6665	6716	
64	6767	6817	6868	6919	6969	7020	7071	7122	7172	7223	
65	7274	7324	7375	7426	7476	7527	7578	7629	7679	7730	
66	7781	7831	7882	7933	7983	8034	8085	8136	8186	8237	
67	8288	8338	8389	8440	8490	8541	8592	8643	8693	8744	
68	8795	8845	8896	8947	8997	9048	9099	9149	9200	9251	
69	9301	9352	9403	9453	9504	9555	9606	9656	9707	9758	
70	9808	9859	9910	9960	0011	0062	0112	0163	0214	0264	
8571	9330315	0366	0416	0467	0518	0568	0619	0670	0720	0771	51
72	0822	0872	0923	0974	1024	1075	1126	1176	1227	1278	1 5
73	1328	1379	1430	1480	1531	1582	1632	1683	1733	1784	2 10
74	1835	1885	1936	1987	2037	2088	2139	2189	2240	2291	3 15
75	2341	2392	2443	2493	2544	2595	2645	2696	2746	2797	4 20
76	2848	2898	2949	3000	3050	3101	3152	3202	3253	3303	5 25
77	3354	3405	3455	3506	3557	3607	3658	3709	3759	3810	6 31
78	3860	3911	3962	4012	4063	4114	4164	4215	4265	4316	7 36
79	4367	4417	4468	4519	4569	4620	4670	4721	4772	4822	8 41
80	4873	4923	4974	5025	5075	5126	5177	5227	5278	5328	9 46
8581	5379	5430	5480	5531	5581	5632	5683	5733	5784	5834	
82	5885	5936	5986	6037	6088	6138	6189	6239	6290	6341	
83	6391	6442	6492	6543	6594	6644	6695	6745	6796	6846	
84	6897	6948	6998	7049	7099	7150	7201	7251	7302	7352	
85	7403	7454	7504	7555	7605	7656	7707	7757	7808	7858	
86	7909	7959	8010	8061	8111	8162	8212	8263	8313	8364	
87	8415	8465	8516	8566	8617	8668	8718	8769	8819	8870	
88	8920	8971	9021	9072	9123	9173	9224	9274	9325	9375	
89	9426	9477	9527	9578	9628	9679	9729	9780	9831	9881	
90	9932	9982	0033	0083	0134	0184	0235	0285	0336	0387	
8591	9340437	0488	0538	0589	0639	0690	0740	0791	0842	0892	
93	0943	0993	1044	1094	1145	1195	1246	1296	1347	1398	
93	1448	1499	1549	1600	1650	1701	1751	1802	1852	1903	
94	1953	2004	2055	2105	2156	2206	2257	2307	2358	2408	
95	2459	2509	2560	2610	2661	2711	2762	2812	2863	2914	
96	2964	3015	3065	3116	3166	3217	3267	3318	3368	3419	
97	3469	3520	3570	3621	3671	3722	3772	3823	3873	3924	
98	3974	4025	4075	4126	4176	4227	4277	4328	4378	4429	
99	4479	4530	4580	4631	4682	4732	4783	4833	4884	4934	
8600	4985	5035	5086	5136	5187	5237	5287	5338	5388	5439	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
8500	934	4985	5035	5086	5136	5187	5237	5287	5338	5388	6439
01		5489	5540	5590	5641	5691	5742	5792	5843	5893	5944
02		5994	5045	6095	5145	6196	6247	6297	5348	6398	6449
03		6499	6550	6600	6651	6701	6752	6802	5853	6903	6954
04		7004	7054	7105	7155	7206	7256	7307	7357	7408	7458
05		7509	7559	7610	7660	7711	7761	7812	7862	7912	7963
06		8013	8064	8114	8165	8215	8266	8316	8367	8417	8468
07		8518	8568	8619	8669	8720	8770	8821	8871	8922	8972
08		9023	9073	9123	9174	9224	9275	9325	9376	9426	9477
09		9527	9578	9628	9678	9729	9779	9830	9880	9931	9981
10	935	0032	0082	0132	0183	0233	0284	0334	0385	0435	0485
8511		0536	0586	0637	0687	0738	0788	0838	0889	0939	0990
12		1040	1091	1141	1191	1242	1292	1343	1393	1444	1494
18		1544	1595	1645	1696	1746	1797	1847	1897	1948	1998
14		2049	2099	2150	2200	2250	2301	2351	2402	2452	2502
15		2558	2608	2654	2704	2754	2805	2855	2906	2956	3006
16		3057	3107	3158	3208	3259	3309	3359	3410	3460	3511
17		3561	3611	3662	3712	3763	3813	3863	3914	3964	4015
18		4065	4115	4166	4216	4266	4317	4367	4418	4468	4518
19		4569	4619	4670	4720	4770	4821	4871	4922	4972	5022
20		5078	5128	5178	5228	5278	5328	5378	5428	5478	5528
8621		5576	5627	5677	5728	5776	5828	5879	5929	5979	6030
22		6080	6131	6181	6231	6282	6332	6382	6433	6483	6533
23		6584	6634	6685	6735	6785	6836	6886	6936	6987	7037
24		7087	7138	7188	7239	7289	7339	7390	7440	7490	7541
25		7591	7641	7692	7742	7792	7843	7893	7943	7994	8044
26		8093	8146	8195	8246	8296	8346	8397	8447	8497	8548
27		8598	8648	8699	8749	8799	8850	8900	8950	9001	9051
28		9101	9152	9202	9252	9303	9353	9403	9454	9504	9554
29		9505	9555	9605	9656	9706	9756	9807	9857	9907	9958
30	936	0108	0158	0209	0259	0309	0360	0410	0460	0511	0561
8631		0611	0661	0712	0762	0812	0863	0913	0963	1014	1064
32		1114	1165	1215	1265	1316	1366	1416	1466	1517	1567
33		1517	1568	1618	1668	1719	1769	1819	1870	1920	2070
34		2120	2171	2221	2271	2322	2372	2422	2473	2523	2573
35		2523	2574	2624	2674	2725	2775	2825	2875	2925	3076
36		3126	3177	3227	3277	3327	3378	3428	3478	3529	3579
37		3629	3679	3730	3780	3830	3881	3931	3981	4031	4082
38		4132	4182	4233	4283	4333	4383	4434	4484	4534	4584
39		4635	4685	4735	4785	4836	4886	4936	4987	5037	5087
40		5137	5188	5238	5288	5338	5389	5439	5489	5540	5590
8641		5640	5690	5741	5791	5841	5891	5942	5992	6042	6092
42		6143	6193	6243	6293	6344	6394	6444	6494	6545	6595
43		6645	6695	6746	6796	6846	6896	6947	6997	7047	7097
44		7148	7198	7248	7298	7349	7399	7449	7499	7550	7600
45		7650	7700	7750	7801	7851	7901	7951	8002	8052	8102
46		8152	8203	8253	8303	8354	8403	8454	8504	8554	8604
47		8655	8705	8755	8805	8855	8905	8956	9006	9056	9107
48		9157	9207	9257	9307	9358	9408	9458	9508	9559	9609
49		9659	9709	9759	9810	9860	9910	9960	0010	0061	0111
8650	937	0161	0211	0261	0312	0362	0412	0462	0513	0563	0613

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8650	937 0161	0211	0261	0312	0362	0412	0462	0513	0563	0613	
51	0663	0713	0764	0814	0864	0914	0964	1015	1065	1115	
52	1165	1215	1265	1316	1366	1416	1466	1516	1567	1617	
53	1667	1717	1767	1818	1868	1918	1968	2018	2069	2119	
54	2169	2219	2269	2319	2370	2420	2470	2520	2570	2621	
55	2671	2721	2771	2821	2871	2922	2972	3022	3072	3122	
56	3172	3223	3273	3323	3373	3423	3474	3524	3574	3624	
57	3674	3724	3775	3825	3875	3925	3975	4025	4075	4126	
58	4176	4226	4276	4326	4376	4427	4477	4527	4577	4627	
59	4677	4728	4778	4828	4878	4928	4978	5028	5079	5129	
60	5179	5229	5279	5329	5380	5430	5480	5530	5580	5630	
8661	5680	5731	5781	5831	5881	5931	5981	6031	6082	6132	
62	6182	6232	6282	6332	6382	6432	6483	6533	6583	6633	
63	6683	6733	6783	6834	6884	6934	6984	7034	7084	7134	
64	7184	7235	7285	7335	7385	7435	7485	7535	7585	7636	
65	7686	7736	7786	7836	7886	7936	7986	8037	8087	8137	
66	8187	8237	8287	8337	8387	8437	8488	8538	8588	8638	
67	8688	8738	8788	8838	8888	8939	8989	9039	9089	9139	
68	9189	9239	9289	9339	9389	9440	9490	9540	9590	9640	
69	9690	9740	9790	9840	9890	9941	9991	0041	0091	0141	
70	938 0191	0241	0291	0341	0391	0441	0492	0542	0592	0642	
8671	0692	0742	0792	0842	0892	0942	0992	1042	1093	1143	
72	1193	1243	1293	1343	1393	1443	1493	1543	1593	1643	
73	1693	1744	1794	1844	1894	1944	1994	2044	2094	2144	
74	2194	2244	2294	2344	2394	2445	2495	2545	2595	2645	
75	2695	2745	2795	2845	2895	2945	2995	3045	3095	3145	
76	3195	3245	3296	3346	3396	3446	3496	3546	3596	3646	
77	3696	3746	3796	3846	3896	3946	3996	4046	4096	4146	
78	4196	4247	4297	4347	4397	4447	4497	4547	4597	4647	
79	4697	4747	4797	4847	4897	4947	4997	5047	5097	5147	
80	5197	5247	5297	5347	5397	5447	5497	5547	5598	5648	
8681	5698	5748	5798	5848	5898	5948	5998	6048	6098	6148	
82	6198	6248	6298	6348	6398	6448	6498	6548	6598	6648	
83	6698	6748	6798	6848	6898	6948	6998	7048	7098	7148	
84	7198	7248	7298	7348	7398	7448	7498	7548	7598	7648	
85	7698	7748	7798	7848	7898	7948	7998	8048	8098	8148	
86	8198	8248	8298	8348	8398	8448	8498	8548	8598	8648	
87	8698	8748	8798	8848	8898	8948	8998	9048	9098	9148	
88	9198	9248	9298	9348	9398	9448	9498	9548	9598	9648	
89	9698	9748	9798	9848	9898	9948	9998	0048	0098	0148	
90	939 0198	0248	0298	0348	0398	0448	0498	0548	0598	0648	
8691	0697	0747	0797	0847	0897	0947	0997	1047	1097	1147	
92	1197	1247	1297	1347	1397	1447	1497	1547	1597	1647	
93	1697	1747	1797	1847	1897	1947	1997	2046	2096	2146	
94	2196	2246	2296	2346	2396	2446	2496	2546	2596	2646	
95	2696	2746	2796	2846	2896	2946	2996	3045	3095	3145	
96	3195	3245	3295	3345	3395	3445	3495	3545	3595	3645	
97	3695	3745	3795	3845	3894	3944	3994	4044	4094	4144	
98	4194	4244	4294	4344	4394	4444	4494	4544	4593	4643	
99	4693	4743	4793	4843	4893	4943	4993	5043	5093	5143	
8700	5193	5242	5292	5342	5392	5442	5492	5542	5592	5642	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8700	939	5193	5242	5292	5342	9392	8442	5492	5542	5592	5642
01		5692	5742	5792	5841	9891	5941	9991	6041	6091	6141
02		6191	6241	6291	6341	9390	9440	9490	6540	8590	8640
03		6690	6740	6790	8840	9889	9939	6989	7039	7089	7139
04		7189	7239	7289	7339	7388	7438	7488	7538	7588	7638
05		7688	7738	7788	7837	7997	7937	7997	8037	8087	8137
06		8187	8237	8286	9339	8389	8436	8486	8536	8586	8636
07		8685	8735	8786	8635	9985	8935	8985	9035	9084	9134
08		9184	9234	9284	9334	9394	9434	9483	9533	9583	9633
09		9683	9733	9783	9833	9992	9932	9982	0032	0082	0132
10	940	0182	0231	0281	0331	0381	0431	0481	0531	0580	0630
8711		0680	0730	0790	0830	0890	0929	0979	1029	1079	1129
12		1179	1229	1278	1329	1379	1428	1479	1529	1577	1627
13		1677	1727	1777	1827	1877	1926	1976	2026	2076	2126
14		2176	2225	2275	2325	2379	2425	2475	2524	2574	2624
15		2674	2724	2774	2823	2873	2923	2973	3023	3073	3122
18		3172	3222	3272	3322	3372	3421	3471	3521	3571	3621
17		3670	3720	3770	3820	3870	3920	3969	4019	4069	4119
18		4169	4218	4268	4318	4368	4419	4468	4517	4567	4617
19		4667	4717	4766	4819	4866	4916	4966	5015	5065	5115
20		5165	5215	5264	5314	5364	5414	5464	5513	5568	5613
8721		5663	5713	5762	5812	5862	5912	5962	6011	6061	6111
22		6161	6211	6260	6310	6360	6410	6460	6509	6559	6609
23		6659	6709	6758	6808	6858	6908	6957	7007	7057	7107
24		7157	7206	7256	7306	7356	7405	7455	7505	7555	7605
25		7654	7704	7754	7804	7853	7908	7953	8003	8053	8102
28		8152	8202	8252	9301	8351	8401	8451	8500	8550	8600
27		8650	8700	8749	8799	8849	8899	8948	8996	9048	9098
26		9147	9197	9247	9297	9346	9396	9446	9496	9545	9595
29		9645	9695	9744	9794	9844	9894	9943	9993	0043	0093
30	941	0142	0192	0242	0292	0341	0391	0441	0491	0540	0590
8791		0640	0690	0739	0769	0939	0889	0938	0988	1038	1088
82		1137	1187	1237	1286	1336	1388	1436	1485	1535	1585
33		1635	1684	1734	1784	1834	1883	1933	1983	2032	2082
34		2132	2182	2231	2281	2331	2380	2430	2480	2530	2579
85		2629	2679	2729	2778	2828	2879	2927	2977	3027	3077
36		3126	3176	3226	3275	3325	3379	3425	3474	3524	3574
37		3623	3673	3723	3772	3822	3872	3922	3971	4021	4071
38		4120	4170	4220	4270	4319	4369	4419	4469	4519	4568
39		4617	4667	4717	4766	4816	4866	4916	4965	5015	5065
40		5114	5164	5214	5263	9313	5363	5412	5462	5512	5562
9741		5611	5661	5711	5760	9910	6860	5909	5959	6009	6058
42		6108	6158	6207	6257	9307	6356	6406	6456	6505	8555
43		6605	6654	6704	6754	6803	9853	6903	6952	7002	7052
44		7101	7151	7201	7250	7300	7350	7399	7449	7499	7548
45		7598	7648	7697	7747	7797	7846	7896	7946	7995	8045
46		8095	8144	8194	9244	8293	8343	8393	8442	8492	8542
47		8591	8641	8691	9740	9790	9940	8889	8939	8988	9038
48		9088	9137	9187	9237	9299	9336	9386	9435	0485	9535
49		9584	9634	9683	9733	9793	9832	9882	9932	0981	0031
8750	942	0081	0130	0180	0229	0279	0329	0378	0428	0478	0527

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8750	9420081	0130	0180	0229	0279	0329	0378	0428	0478	0527	
51	0577	0626	0676	0726	0775	0825	0875	0924	0974	1023	
52	1073	1123	1172	1222	1272	1321	1371	1420	1470	1520	
53	1569	1619	1669	1718	1768	1817	1867	1917	1966	2016	
54	2065	2115	2165	2214	2264	2313	2363	2413	2462	2512	
55	2562	2611	2661	2710	2760	2810	2859	2909	2958	3008	
56	3058	3107	3157	3206	3256	3306	3355	3405	3454	3504	
57	3553	3603	3653	3702	3752	3801	3851	3901	3950	4000	
58	4049	4099	4149	4198	4248	4297	4347	4397	4446	4496	
59	4545	4595	4644	4694	4744	4793	4843	4892	4942	4991	
60	5041	5091	5140	5190	5239	5289	5339	5388	5438	5487	
8761	5537	5586	5636	5686	5735	5785	5834	5884	5933	5983	
62	6032	6082	6132	6181	6231	6280	6330	6379	6429	6479	
63	6528	6578	6627	6677	6726	6776	6825	6875	6925	6974	
64	7024	7073	7123	7172	7222	7271	7321	7371	7420	7470	
65	7519	7569	7618	7668	7717	7767	7816	7866	7916	7965	
66	8015	8064	8114	8163	8213	8262	8312	8361	8411	8461	
67	8510	8560	8609	8659	8708	8758	8807	8857	8906	8956	
68	9005	9055	9104	9154	9204	9253	9303	9352	9402	9451	
69	9501	9550	9600	9649	9699	9748	9798	9847	9897	9946	
70	9996	0045	0095	0144	0194	0244	0293	0343	0392	0442	49
8771	9430491	0541	0590	0640	0689	0739	0788	0838	0887	0937	1
72	0986	1036	1085	1135	1184	1234	1283	1333	1382	1432	2
73	1481	1531	1580	1630	1679	1729	1778	1828	1877	1927	3
74	1976	2026	2075	2125	2174	2224	2273	2323	2372	2422	4
75	2471	2521	2570	2620	2669	2719	2768	2818	2867	2917	5
76	2966	3016	3065	3115	3164	3214	3263	3313	3362	3412	6
77	3461	3510	3560	3609	3659	3708	3758	3807	3857	3906	7
78	3956	4005	4055	4104	4154	4203	4253	4302	4352	4401	8
79	4450	4500	4549	4599	4648	4698	4747	4797	4846	4896	9
80	4945	4995	5044	5094	5143	5192	5242	5291	5341	5390	44
8781	5440	5489	5539	5588	5638	5687	5737	5786	5835	5885	
82	5934	5984	6033	6083	6132	6182	6231	6280	6330	6379	
83	6429	6478	6528	6577	6627	6676	6726	6775	6824	6874	
84	6923	6973	7022	7072	7121	7170	7220	7269	7319	7368	
85	7418	7467	7517	7566	7615	7665	7714	7764	7813	7863	
86	7912	7961	8011	8060	8110	8159	8209	8258	8307	8357	
87	8406	8456	8505	8555	8604	8653	8703	8752	8802	8851	
88	8900	8950	8999	9049	9098	9148	9197	9246	9296	9345	
89	9395	9444	9493	9543	9592	9642	9691	9741	9790	9839	
90	9889	9938	9988	0037	0086	0136	0185	0235	0284	0333	
8791	9440383	0482	0482	0531	0580	0630	0679	0729	0778	0827	
92	0877	0926	0976	1025	1074	1124	1173	1223	1272	1321	
93	1371	1420	1470	1519	1568	1618	1667	1716	1766	1815	
94	1865	1914	1963	2013	2062	2112	2161	2210	2260	2309	
95	2358	2408	2457	2507	2556	2605	2655	2704	2753	2803	
96	2852	2902	2951	3000	3050	3099	3148	3198	3247	3297	
97	3346	3395	3445	3494	3543	3593	3642	3691	3741	3790	
98	3840	3889	3938	3988	4037	4086	4136	4185	4234	4284	
99	4333	4383	4432	4481	4531	4580	4629	4679	4728	4777	
8800	4827	4876	4925	4975	5024	5073	5123	5172	5222	5271	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
8800	944	4827	4876	4925	4975	5024	5073	5123	5172	5222	5271
01		5320	6370	5419	5468	5518	5567	5616	5666	5716	6764
02		5814	5863	5912	5962	6011	6060	6110	6159	6208	6258
03		6307	6356	6406	6455	6504	6554	6603	6652	6702	6761
04		6800	6850	6899	6948	6998	7047	7096	7146	7195	7244
05		7294	7343	7392	7442	7491	7540	7590	7639	7688	7737
06		7787	7836	7885	7935	7964	8033	8083	8132	8181	8231
07		8280	8329	8379	8428	8477	8527	8576	8625	8674	8724
08		8773	8822	8872	8921	8970	9020	9069	9118	9167	9217
09		9266	9315	9365	9414	9463	9513	9562	9611	9660	9710
10		9759	9808	9858	9907	9956	0006	0055	0104	0153	0203
8811	045	0252	0301	0351	0400	0449	0498	0546	0597	0646	0696
12		0745	0794	0843	0893	0942	0991	1041	1090	1139	1188
13		1238	1287	1336	1386	1435	1484	1533	1583	1633	1681
14		1730	1780	1829	1876	1923	1977	2026	2075	2125	2174
15		2223	2272	2322	2371	2420	2469	2519	2568	2617	2667
16		2716	2765	2814	2864	2913	2962	3011	3061	3110	3169
17		3208	3256	3307	3356	3405	3455	3504	3553	3602	3652
18		3701	3750	3799	3849	3898	3947	3996	4046	4095	4144
19		4193	4243	4292	4341	4390	4440	4489	4538	4587	4637
20		4686	4735	4784	4834	4883	4932	4981	5031	5080	5129
8821		5178	5227	5277	5326	5376	5424	5474	5523	5572	5621
22		5671	5720	5769	5818	5867	5917	5966	6016	6064	6114
23		6163	6212	6261	6310	6359	6409	6458	6507	6557	6606
24		6655	6704	6753	6803	6852	6901	6950	7000	7049	7098
25		7147	7196	7246	7295	7344	7393	7442	7492	7541	7590
26		7689	7688	7733	7787	7838	7883	7934	7984	8033	8082
27		8181	8180	8230	8279	8323	8377	8428	8476	8525	8574
28		8623	8672	8722	8771	8820	8869	8918	8968	9017	9066
29		9116	9164	9214	9263	9312	9361	9410	9459	9509	9558
30		9607	9656	9706	9756	9804	9853	9902	9951	0000	0050
8831	048	0090	0148	0197	0248	0298	0345	0394	0443	0492	0541
32		0591	0640	0689	0738	0787	0836	0886	0935	0984	1033
33		1082	1131	1181	1230	1279	1328	1377	1426	1476	1525
34		1574	1623	1672	1721	1771	1820	1869	1918	1967	2016
35		2066	2115	2164	2213	2262	2311	2360	2410	2459	2508
36		2557	2606	2655	2705	2754	2803	2852	2901	2950	2999
37		3040	3098	3147	3196	3245	3294	3343	3393	3442	3491
38		3540	3589	3638	3687	3737	3786	3835	3884	3933	3982
39		4031	4080	4130	4179	4228	4277	4326	4376	4424	4474
40		4523	4572	4621	4670	4719	4768	4817	4867	4916	4965
8841		5014	6003	5112	6161	5210	5260	6309	5358	5407	6456
42		5505	5554	5603	5652	5702	5751	5800	5849	5898	6947
43		5996	6045	6094	6144	6193	6242	6291	6340	6389	6438
44		6487	6536	6586	6635	6684	6733	6782	6831	6880	6929
45		6978	7027	7077	7126	7175	7224	7273	7322	7371	7420
46		7469	7518	7568	7617	7668	7715	7764	7813	7862	7911
47		7960	8009	8058	8108	8157	8206	8255	8304	8353	8402
48		8451	8500	8549	8598	8647	8697	8746	8795	8844	8893
49		8942	8991	9040	9089	9138	9187	9236	9285	9335	9384
8850		9433	9482	9531	9580	9629	9678	9727	9776	9825	9874

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
8850	946	9433	9482	9531	9580	9629	9678	9727	9776	9825	9874
51		9923	9972	0022	0071	0120	0169	0218	0267	0316	0365
52	947	0414	0463	0512	0561	0610	0659	0708	0757	0807	0856
53		0905	0954	1003	1052	1101	1150	1199	1248	1297	1346
54		1395	1444	1493	1542	1591	1640	1689	1739	1788	1837
55		1886	1935	1984	2033	2082	2131	2180	2229	2278	2327
56		2376	2425	2474	2523	2572	2621	2670	2719	2768	2817
57		2866	2915	2965	3014	3063	3112	3161	3210	3259	3308
58		3357	3406	3455	3504	3553	3602	3651	3700	3749	3798
59		3847	3896	3945	3994	4043	4092	4141	4190	4239	4288
60		4337	4386	4435	4484	4533	4582	4631	4680	4729	4778
8861		4827	4876	4925	4974	5023	5072	5121	5170	5219	5268
62		5317	5366	5415	5464	5513	5562	5611	5660	5709	5758
63		5807	5856	5905	5954	6003	6052	6101	6150	6199	6248
64		6297	6346	6395	6444	6493	6542	6591	6640	6689	6738
65		6787	6836	6885	6934	6983	7032	7081	7130	7179	7228
66		7277	7326	7375	7424	7473	7522	7571	7620	7669	7718
67		7767	7816	7865	7914	7963	8012	8061	8110	8159	8208
68		8257	8306	8355	8404	8453	8502	8551	8600	8649	8698
69		8747	8796	8844	8893	8942	8991	9040	9089	9138	9187
70		9236	9285	9334	9383	9432	9481	9530	9579	9628	9677
8871		9726	9775	9824	9873	9922	9971	0020	0068	0117	0166
72	948	0215	0264	0313	0362	0411	0460	0509	0558	0607	0656
73		0705	0754	0803	0852	0901	0950	0998	1047	1096	1145
74		1194	1243	1292	1341	1390	1439	1488	1537	1586	1635
75		1684	1733	1781	1830	1879	1928	1977	2026	2075	2124
76		2173	2222	2271	2320	2369	2418	2467	2515	2564	2613
77		2662	2711	2760	2809	2858	2907	2956	3005	3054	3102
78		3151	3200	3249	3298	3347	3396	3445	3494	3543	3592
79		3641	3689	3738	3787	3836	3885	3934	3983	4032	4081
80		4130	4179	4227	4276	4325	4374	4423	4472	4521	4570
8881		4619	4668	4717	4765	4814	4863	4912	4961	5010	5059
82		5108	5157	5205	5254	5303	5352	5401	5450	5499	5548
83		5597	5646	5694	5743	5792	5841	5890	5939	5988	6037
84		6085	6134	6183	6232	6281	6330	6379	6428	6477	6525
85		6574	6623	6672	6721	6770	6819	6868	6916	6965	7014
86		7063	7112	7161	7210	7259	7307	7356	7405	7454	7503
87		7552	7601	7650	7698	7747	7796	7845	7894	7943	7992
88		8040	8089	8138	8187	8236	8285	8334	8382	8431	8480
89		8529	8578	8627	8676	8724	8773	8822	8871	8920	8969
90		9018	9066	9115	9164	9213	9262	9311	9360	9408	9457
8891		9506	9555	9604	9653	9701	9750	9799	9848	9897	9946
92		9995	0043	0092	0141	0190	0239	0288	0336	0385	0434
93	949	0483	0532	0581	0629	0678	0727	0776	0825	0874	0922
94		0971	1020	1069	1118	1167	1215	1264	1313	1362	1411
95		1460	1508	1557	1606	1655	1704	1752	1801	1850	1899
96		1948	1997	2045	2094	2143	2192	2241	2289	2338	2387
97		2436	2485	2534	2582	2631	2680	2729	2778	2826	2875
98		2924	2973	3022	3070	3119	3168	3217	3266	3314	3363
99		3412	3461	3510	3558	3607	3656	3705	3754	3802	3851
8900		3900	3949	3998	4046	4095	4144	4193	4242	4290	4339

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No	0	1	2	3	4	5	6	7	8	9	Diff
8900	949	3900	3949	3998	4046	4095	4144	4193	4242	4290	4339
01		4388	4437	4486	4534	4589	4632	4681	4730	4778	4827
02		4876	4925	4973	5022	5071	5120	5169	5217	5266	5315
03		5364	5413	5461	5510	5559	5608	5658	5705	5754	5803
04		5852	5900	5949	5998	6047	6095	6144	6193	6242	6290
05		6339	6388	6437	6486	6534	6583	6632	6681	6729	6778
06		6827	6876	6924	6973	7022	7071	7119	7168	7217	7266
07		7316	7363	7412	7461	7510	7556	7607	7656	7705	7753
08		7802	7851	7900	7946	7997	8046	8095	8143	8192	8241
09		8290	8338	8387	8436	8485	8563	8582	8631	8680	8728
10		8777	8826	8875	8923	8972	9021	9069	9118	9187	9216
8911		9264	9315	9363	9411	9459	9508	9557	9605	9654	9703
12		9762	9801	9849	9898	9947	9995	0044	0093	0142	0190
13	950	0239	0288	0337	0385	0434	0483	0531	0580	0629	0678
14		0726	0775	0824	0873	0921	0970	1019	1067	1116	1155
15		1213	1262	1311	1360	1408	1457	1506	1554	1603	1652
16		1701	1749	1798	1847	1895	1944	1993	2042	2090	2139
17		2188	2236	2285	2334	2382	2431	2480	2529	2577	2626
18		2675	2723	2772	2821	2869	2916	2967	3016	3064	3113
19		3162	3210	3259	3308	3356	3405	3454	3502	3551	3600
20		3649	3697	3746	3795	3843	3892	3941	3989	4036	4087
8921		4135	4184	4233	4281	4350	4379	4427	4476	4525	4574
22		4622	4671	4720	4768	4817	4866	4914	4963	5012	5060
23		5109	5158	5206	5255	5304	5352	5401	5450	5498	5547
24		5598	5644	5693	5742	5790	5839	5888	5936	5985	6034
25		6082	6151	6180	6228	6277	6326	6374	6423	6472	6520
26		6569	6617	6666	6715	6768	6812	6861	6909	6958	7007
27		7056	7104	7153	7201	7250	7299	7347	7396	7445	7493
28		7542	7590	7639	7688	7736	7785	7834	7882	7931	7980
29		8028	8077	8126	8174	8223	8271	8320	8369	8417	8466
30		8515	8553	8612	8660	8709	8756	8806	8855	8904	8952
8931		9001	9050	9098	9147	9195	9244	9293	9341	9390	9439
32		9487	9536	9584	9633	9682	9730	9779	9827	9876	9925
33		9973	0022	0071	0119	0168	0216	0265	0314	0362	0411
34	951	0459	0508	0557	0605	0654	0703	0751	0800	0846	0897
35		0916	0994	1043	1091	1140	1189	1237	1286	1334	1383
36		1432	1480	1529	1577	1626	1675	1723	1772	1820	1859
37		1916	1966	2015	2063	2112	2161	2209	2258	2306	2355
38		2404	2452	2501	2549	2598	2646	2695	2744	2792	2841
39		2889	2938	2987	3035	3084	3132	3181	3229	3278	3327
40		3375	3424	3472	3521	3569	3618	3667	3715	3764	3812
8941		3861	3910	3958	4007	4056	4104	4152	4201	4250	4298
42		4347	4395	4444	4492	4541	4589	4638	4687	4735	4784
43		4832	4881	4929	4978	5027	5075	5124	5172	5221	5269
44		5318	5368	5415	5464	5512	5561	5609	5658	5706	5755
45		5803	5852	5901	5949	5998	6046	6095	6143	6192	6240
46		6289	6337	6386	6435	6483	6532	6580	6629	6677	6726
47		6774	6823	6871	6920	6969	7017	7066	7114	7163	7211
48		7260	7306	7357	7405	7454	7502	7551	7600	7648	7697
49		7745	7794	7842	7891	7939	7988	8038	8085	8133	8182
8950		8230	8279	8327	8376	8424	8473	8521	8570	8619	8667

No.	0	1	2	3	4	5	6	7	8	9	Diff
8950	951 8230	8279	8327	8376	8424	8473	8521	8570	8619	8667	
51	8716	8764	8813	8861	8910	8958	9007	9055	9104	9152	
52	9201	9249	9298	9346	9395	9443	9492	9540	9589	9637	
53	9686	9734	9783	9831	9880	9928	9977	0025	0074	0122	
54	952 0171	0219	0268	0316	0365	0413	0462	0510	0559	0607	
55	0656	0704	0753	0801	0850	0898	0947	0995	1044	1092	
56	1141	1189	1238	1286	1335	1383	1432	1480	1529	1577	
57	1626	1674	1723	1771	1820	1868	1917	1965	2014	2062	
58	2111	2159	2208	2256	2305	2353	2401	2450	2498	2547	
59	2595	2644	2692	2741	2789	2838	2886	2935	2983	3032	
60	3080	3129	3177	3226	3274	3322	3371	3419	3468	3516	
8961	3565	3613	3662	3710	3759	3807	3856	3904	3952	4001	
62	4049	4098	4146	4195	4243	4292	4340	4389	4437	4486	
63	4534	4582	4631	4679	4728	4776	4825	4873	4922	4970	
64	5018	5067	5115	5164	5212	5261	5309	5358	5406	5454	
65	5503	5551	5600	5648	5697	5745	5794	5842	5890	5939	
66	5987	6036	6084	6133	6181	6230	6278	6326	6375	6423	
67	6472	6520	6569	6617	6665	6714	6762	6811	6859	6908	
68	6956	7004	7053	7101	7150	7198	7247	7295	7343	7392	
69	7440	7489	7537	7586	7634	7682	7731	7779	7828	7876	
70	7924	7973	8021	8070	8118	8167	8215	8263	8312	8360	
8971	8409	8457	8505	8554	8602	8651	8699	8747	8796	8844	
72	8893	8941	8989	9038	9086	9135	9183	9231	9280	9328	
73	9377	9425	9473	9522	9570	9619	9667	9715	9764	9812	
74	9861	9909	9957	0006	0054	0103	0151	0199	0248	0296	
75	953 0345	0393	0441	0490	0538	0587	0635	0683	0732	0780	
76	0828	0877	0925	0974	1022	1070	1119	1167	1215	1264	
77	1312	1361	1409	1457	1506	1554	1603	1651	1699	1748	
78	1796	1844	1893	1941	1989	2038	2086	2135	2183	2231	
79	2280	2328	2376	2425	2473	2522	2570	2618	2667	2715	
80	2763	2812	2860	2908	2957	3005	3054	3102	3150	3199	
8981	3247	3295	3344	3392	3440	3489	3537	3585	3634	3682	
82	3731	3779	3827	3876	3924	3972	4021	4069	4117	4166	
83	4214	4262	4311	4359	4407	4456	4504	4552	4601	4649	
84	4697	4746	4794	4842	4891	4939	4987	5036	5084	5132	
85	5181	5229	5277	5326	5374	5422	5471	5519	5567	5616	
86	5664	5712	5761	5809	5857	5906	5954	6002	6051	6099	
87	6147	6196	6244	6293	6341	6389	6437	6486	6534	6582	
88	6631	6679	6727	6776	6824	6872	6921	6969	7017	7065	
89	7114	7162	7210	7259	7307	7355	7404	7452	7500	7549	
90	7597	7645	7694	7742	7790	7838	7887	7935	7983	8032	
8991	8080	8128	8177	8225	8273	8321	8370	8418	8466	8515	
92	8563	8611	8660	8708	8756	8804	8853	8901	8949	8998	
93	9046	9094	9143	9191	9239	9287	9336	9384	9432	9481	
94	9529	9577	9625	9674	9722	9770	9819	9867	9915	9963	
95	954 0012	0060	0108	0157	0205	0253	0301	0350	0398	0446	
96	0494	0543	0591	0639	0688	0736	0784	0832	0881	0929	
97	0977	1025	1074	1122	1170	1219	1267	1315	1363	1412	
98	1460	1508	1556	1605	1653	1701	1749	1798	1846	1894	
99	1943	1991	2039	2087	2136	2184	2232	2280	2329	2377	
9000	2425	2473	2522	2570	2618	2666	2715	2763	2811	2859	

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No.	0	1	2	3	4	5	6	7	8	9	Dist.
9000	954	2425	2473	2522	2570	2618	2666	2715	2763	2811	2859
01		2908	2956	3004	3052	3101	3149	3197	3245	3294	3342
02		3390	3438	3487	3535	3583	3631	3680	3728	3776	3824
03		3873	3921	3969	4017	4065	4114	4162	4210	4258	4307
04		4355	4403	4451	4500	4548	4596	4644	4692	4741	4789
05		4837	4885	4934	4982	5030	5078	5127	5175	5223	5271
06		5319	5368	5416	5464	5512	5561	5609	5657	5705	5753
07		5802	5850	5898	5946	5994	6043	6091	6139	6187	6236
08		6284	6332	6380	6428	6477	6525	6573	6621	6669	6718
09		6766	6814	6862	6910	6959	7007	7055	7103	7152	7200
10		7248	7296	7344	7393	7441	7489	7537	7585	7634	7682
9011		7730	7778	7826	7874	7923	7971	8019	8067	8116	8164
12		8212	8260	8308	8356	8405	8453	8501	8549	8597	8646
13		8694	8742	8790	8838	8886	8935	8983	9031	9079	9127
14		9178	9224	9272	9320	9368	9418	9465	9513	9561	9609
15		9657	9705	9754	9802	9850	9898	9946	9995	0043	0091
16	955	0139	0187	0235	0284	0332	0380	0428	0476	0524	0573
17		0621	0669	0717	0765	0813	0862	0910	0958	1006	1054
18		1102	1150	1199	1247	1295	1343	1391	1439	1488	1536
19		1684	1632	1680	1728	1776	1825	1873	1921	1969	2017
20		2086	2114	2162	2210	2258	2306	2354	2402	2451	2499
9021		2547	2595	2643	2691	2739	2788	2836	2884	2932	2980
22		3028	3076	3125	3173	3221	3269	3317	3365	3413	3461
23		3510	3558	3606	3654	3702	3750	3798	3846	3895	3943
24		3991	4039	4087	4136	4183	4231	4280	4328	4376	4424
25		4472	4520	4568	4616	4665	4713	4761	4809	4857	4905
26		4953	5001	5050	5098	5148	5194	5242	5290	5338	5386
27		5484	5483	5531	5579	5627	5676	5723	5771	5819	5867
28		5916	5964	6012	6060	6108	6158	6204	6252	6300	6346
29		6397	6445	6493	6541	6589	6637	6685	6733	6781	6829
30		6876	6926	6974	7022	7070	7118	7168	7214	7262	7310
9031		7368	7407	7455	7503	7551	7599	7647	7695	7743	7791
32		7839	7887	7935	7984	8032	8080	8128	8176	8224	8272
33		8320	8368	8416	8464	8512	8560	8609	8657	8705	8753
34		8801	8849	8897	8945	8993	9041	9089	9137	9185	9234
35		9282	9330	9378	9426	9474	9522	9570	9618	9666	9714
36		9762	9810	9858	9906	9954	0003	0051	0099	0147	0195
37	956	0243	0291	0339	0387	0435	0483	0531	0579	0627	0676
38		0723	0771	0819	0868	0916	0964	1012	1060	1108	1156
39		1204	1252	1300	1348	1396	1444	1492	1540	1588	1636
40		1684	1732	1780	1828	1876	1925	1973	2021	2069	2117
9041		2165	2213	2261	2309	2357	2405	2453	2501	2549	2597
42		2645	2693	2741	2789	2837	2885	2933	2981	3029	3077
43		3125	3173	3221	3269	3317	3365	3413	3461	3509	3558
44		3606	3654	3702	3750	3798	3846	3894	3942	3990	4038
45		4086	4134	4182	4230	4278	4326	4374	4422	4470	4518
46		4566	4614	4662	4710	4758	4806	4854	4902	4950	4998
47		5046	5094	5142	5190	5238	5286	5334	5382	5430	5478
48		5526	5574	5622	5670	5718	5766	5814	5862	5910	5958
49		6006	6054	6102	6150	6198	6246	6294	6342	6390	6438
9050		6488	6534	6582	6630	6678	6726	6774	6822	6870	6918

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
9050	956 6486	6534	6582	6630	6678	6726	6774	6822	6870	6918	
51	6966	7014	7062	7110	7158	7206	7254	7302	7349	7397	
52	7445	7493	7541	7589	7637	7685	7733	7781	7829	7877	
53	7925	7973	8021	8069	8117	8165	8213	8261	8309	8357	
54	8405	8453	8501	8549	8597	8645	8693	8741	8789	8837	
55	8885	8933	8980	9028	9076	9124	9172	9220	9268	9316	
56	9364	9412	9460	9508	9556	9604	9652	9700	9748	9796	
57	9844	9892	9940	9988	0035	0083	0131	0179	0227	0275	
58	957 0323	0371	0419	0467	0515	0563	0611	0659	0707	0755	
59	0803	0851	0898	0946	0994	1042	1090	1138	1186	1234	
60	1282	1330	1378	1426	1474	1522	1570	1618	1665	1713	
9061	1761	1809	1857	1905	1953	2001	2049	2097	2145	2193	
62	2241	2289	2336	2384	2432	2480	2528	2576	2624	2672	
63	2720	2768	2816	2864	2911	2959	3007	3055	3103	3151	
64	3199	3247	3295	3343	3391	3439	3486	3534	3582	3630	
65	3678	3726	3774	3822	3870	3918	3966	4013	4061	4109	
66	4157	4205	4253	4301	4349	4397	4445	4492	4540	4588	
67	4636	4684	4732	4780	4828	4876	4924	4971	5019	5067	
68	5115	5163	5211	5259	5307	5355	5402	5450	5498	5546	
69	5594	5642	5690	5738	5786	5833	5881	5929	5977	6025	
70	6073	6121	6169	6217	6264	6312	6360	6408	6456	6504	
9071	6552	6600	6647	6695	6743	6791	6839	6887	6935	6983	
72	7030	7078	7126	7174	7222	7270	7318	7366	7413	7461	
73	7509	7557	7605	7653	7701	7748	7796	7844	7892	7940	
74	7988	8036	8083	8131	8179	8227	8275	8323	8371	8418	
75	8466	8514	8562	8610	8658	8706	8753	8801	8849	8897	
76	8945	8993	9041	9088	9136	9184	9232	9280	9328	9376	
77	9423	9471	9519	9567	9615	9663	9710	9758	9806	9854	
78	9902	9950	9997	0045	0093	0141	0189	0237	0284	0332	
79	958 0380	0428	0476	0524	0571	0619	0667	0715	0763	0811	
80	0858	0906	0954	1002	1050	1098	1145	1193	1241	1289	
9081	1337	1385	1432	1480	1528	1576	1624	1672	1719	1767	
82	1815	1863	1911	1958	2006	2054	2102	2150	2198	2245	
83	2293	2341	2389	2437	2484	2532	2580	2628	2676	2723	
84	2771	2819	2867	2915	2962	3010	3058	3106	3154	3202	
85	3249	3297	3345	3393	3441	3488	3536	3584	3632	3680	
86	3727	3775	3823	3871	3919	3966	4014	4062	4110	4157	
87	4205	4253	4301	4349	4396	4444	4492	4540	4588	4635	
88	4683	4731	4779	4827	4874	4922	4970	5018	5065	5113	
89	5161	5209	5257	5304	5352	5400	5448	5495	5543	5591	
90	5639	5687	5734	5782	5830	5878	5925	5973	6021	6069	
9091	6117	6164	6212	6260	6308	6355	6403	6451	6499	6547	
92	6594	6642	6690	6738	6785	6833	6881	6929	6976	7024	
93	7072	7120	7167	7215	7263	7311	7358	7406	7454	7502	
94	7549	7597	7645	7693	7741	7788	7836	7884	7932	7979	
95	8027	8075	8123	8170	8218	8266	8314	8361	8409	8457	
96	8505	8552	8600	8648	8695	8743	8791	8839	8886	8934	
97	8982	9030	9077	9125	9173	9221	9268	9316	9364	9412	
98	9459	9507	9555	9603	9650	9698	9746	9793	9841	9889	
99	9937	9984	0032	0080	0128	0176	0223	0271	0318	0366	
5100	959 0414	0462	0509	0557	0605	0653	0700	0748	0796	0843	

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No.	0	1	2	3	4	5	6	7	8	9	Dist.
9100	859 0414	0462	0509	0557	0605	0653	0700	0748	0796	0843	
01	0891	0939	0987	1034	1082	1130	1177	1225	1273	1321	
02	1368	1416	1464	1511	1559	1607	1655	1702	1750	1798	
03	1845	1893	1941	1989	2036	2084	2132	2179	2227	2275	
04	2322	2370	2418	2466	2513	2561	2609	2656	2704	2752	
05	2800	2847	2895	2943	2990	3036	3086	3133	3181	3229	
08	3276	3324	3372	3420	3467	3515	3563	3610	3658	3706	
07	3753	3801	3849	3896	3944	3992	4039	4087	4136	4183	
08	4230	4278	4326	4378	4421	4469	4518	4564	4612	4659	
09	4707	4755	4802	4850	4898	4945	4993	5041	5088	5136	
10	5184	5231	5279	5327	5374	5422	5470	5517	5565	5613	
9111	5660	5708	5766	5803	5851	5899	5946	5994	6042	6089	
12	6137	6185	6232	6280	6328	6375	6423	6471	6516	6566	
13	6614	6661	6709	6757	6804	6852	6900	6947	6995	7043	
14	7090	7138	7186	7233	7281	7328	7376	7424	7471	7519	
15	7567	7614	7662	7710	7757	7805	7853	7900	7948	7996	
16	8043	8091	8138	8186	8234	8281	8329	8377	8424	8472	
17	8520	8567	8615	8662	8710	8758	8805	8853	8901	8948	
18	8998	9044	9091	9139	9186	9234	9282	9329	9377	9425	
19	9472	9520	9567	9615	9663	9710	9758	9808	9853	9901	
20	9946	9996	0044	0091	0139	0186	0234	0282	0329	0377	
9121	960 0425	0472	0520	0567	0615	0663	0710	0756	0805	0853	46
22	0901	0848	0936	1044	1091	1139	1188	1234	1282	1329	1
23	1877	1424	1472	1520	1567	1615	1862	1710	1758	1805	2
24	1853	1900	1948	1996	2043	2091	2138	2188	2234	2261	3
25	2329	2376	2424	2472	2519	2587	2614	2862	2709	2767	4
26	2801	2852	2900	2947	2995	3043	8090	3138	3185	3233	5
27	3281	3326	3376	3423	3471	3518	3566	3614	3661	3709	6
28	3766	3804	3851	3899	3947	3994	4042	4089	4137	4184	7
29	4232	4280	4327	4376	4422	4470	4517	4565	4613	4660	8
30	4708	4755	4803	4850	4898	4946	4993	5041	5088	5136	9
9131	5183	5231	5279	5328	5374	5421	5469	5516	5564	5611	
32	5659	5707	5754	5802	5849	5897	5944	5992	6039	6087	
33	6135	6182	6230	6277	6325	6372	6420	6407	6515	6563	
34	6610	6658	6705	6753	6800	6848	6895	6943	6990	7036	
35	7086	7133	7181	7228	7276	7323	7371	7418	7468	7513	
36	7681	7608	7656	7704	7751	7799	7646	7804	7941	7989	
37	8036	8084	8131	8179	8226	8274	8321	8369	8416	8464	
38	8512	8559	8607	8654	8702	8749	8797	8844	8892	8939	
39	8987	9034	9082	9129	9177	9224	9272	9319	9387	9414	
40	8482	9509	9557	9605	9652	9700	9747	9795	9842	9890	
9141	9937	9985	0032	0080	0127	0175	0222	0270	0317	0365	
42	961 0412	0460	0507	0555	0602	0650	0697	0746	0792	0840	
43	0887	0935	0982	1030	1077	1125	1172	1220	1267	1316	
44	1362	1410	1457	1505	1552	1600	1647	1695	1742	1790	
45	1837	1885	1932	1980	2027	2075	2122	2170	2217	2264	
46	2312	2359	2407	2454	2502	2549	2597	2644	2692	2739	
47	2787	2834	2882	2929	2977	3024	8072	8110	3167	3214	
48	3262	3309	3357	3404	3451	3499	3546	3594	3641	3689	
49	3736	3784	3831	3879	3926	3974	4021	4069	4118	4163	
9150	4211	4258	4308	4353	4401	4448	4498	4543	4591	4638	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
9150	961 4211	4258	4306	4353	4401	4448	4496	4543	4591	4638	
51	4686	4733	4780	4828	4875	4923	4970	5018	5065	5113	
52	5160	5208	5255	5302	5350	5397	5445	5492	5540	5587	
53	5635	5682	5730	5777	5824	5872	5919	5967	6014	6062	
54	6109	6157	6204	6251	6299	6346	6394	6441	6489	6536	
55	6583	6631	6678	6726	6773	6821	6868	6916	6963	7010	
56	7058	7105	7153	7200	7248	7295	7342	7390	7437	7485	
57	7532	7580	7627	7674	7722	7769	7817	7864	7912	7959	
58	8006	8054	8101	8149	8196	8243	8291	8338	8386	8433	
59	8481	8528	8575	8623	8670	8718	8765	8812	8860	8907	
60	8955	9002	9050	9097	9144	9192	9239	9287	9334	9381	
9161	9420	9476	9524	9571	9618	9666	9713	9761	9808	9855	
62	9903	9950	9998	0045	0092	0140	0187	0235	0282	0329	
63	962 0377	0424	0472	0519	0566	0614	0661	0709	0756	0803	
64	0851	0898	0946	0993	1040	1088	1135	1183	1230	1277	
65	1325	1372	1419	1467	1514	1562	1609	1656	1704	1751	
66	1799	1846	1893	1941	1988	2035	2083	2130	2178	2225	
67	2272	2320	2367	2414	2462	2509	2557	2604	2651	2699	
68	2746	2793	2841	2888	2936	2983	3030	3078	3125	3172	
69	3220	3267	3314	3362	3409	3457	3504	3551	3599	3646	
70	3693	3741	3788	3835	3883	3930	3978	4025	4072	4120	
9171	4167	4214	4262	4309	4356	4404	4451	4498	4546	4593	
72	4640	4688	4735	4783	4830	4877	4925	4972	5019	5067	
73	5114	5161	5209	5256	5303	5351	5398	5445	5493	5540	
74	5587	5635	5682	5729	5777	5824	5871	5919	5966	6013	
75	6061	6108	6155	6203	6250	6297	6345	6392	6439	6487	
76	6534	6581	6629	6676	6723	6771	6818	6865	6913	6960	
77	7007	7055	7102	7149	7197	7244	7291	7339	7386	7433	
78	7481	7528	7575	7622	7670	7717	7764	7812	7859	7906	
79	7954	8001	8048	8096	8143	8190	8238	8285	8332	8380	
80	8427	8474	8521	8569	8616	8663	8711	8758	8805	8853	
9181	8900	8947	8994	9042	9089	9136	9184	9231	9278	9326	
82	9373	9420	9467	9515	9562	9609	9657	9704	9751	9799	
83	9846	9893	9940	9988	0035	0082	0130	0177	0224	0271	
84	963 0319	0366	0413	0461	0508	0555	0602	0650	0697	0744	
85	0792	0839	0886	0933	0981	1028	1075	1123	1170	1217	
86	1264	1312	1359	1406	1454	1501	1548	1595	1643	1690	
87	1737	1784	1832	1879	1926	1974	2021	2068	2115	2163	
88	2210	2257	2304	2352	2399	2446	2493	2541	2588	2635	
89	2683	2730	2777	2824	2872	2919	2966	3013	3061	3108	
90	3155	3202	3250	3297	3344	3391	3439	3486	3533	3580	
9191	3626	3675	3722	3769	3817	3864	3911	3958	4006	4053	
92	4100	4147	4195	4242	4289	4336	4384	4431	4478	4525	
93	4573	4620	4667	4714	4762	4809	4856	4903	4951	4998	
94	5045	5092	5139	5187	5234	5281	5328	5376	5423	5470	
95	5517	5565	5612	5659	5706	5753	5801	5848	5895	5942	
96	5990	6037	6084	6131	6179	6226	6273	6320	6367	6415	
97	6462	6509	6556	6604	6651	6698	6745	6792	6840	6887	
98	6934	6981	7028	7076	7123	7170	7217	7265	7312	7359	
99	7406	7453	7501	7548	7595	7642	7689	7737	7784	7831	
9200	7878	7925	7973	8020	8067	8114	8161	8209	8256	8303	

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8200	863	7878	7925	7973	8020	8067	8114	8161	8209	8256	8303
01	8350	8398	8445	8492	8539	8586	8634	8681	8728	8775	
02	8822	8869	8917	8964	9011	9058	9105	9153	9200	9247	
03	9294	9341	9389	9436	9483	9530	9577	9625	9672	9719	
04	9766	9813	9850	9906	9955	0002	0049	0096	0144	0191	
05	8640	2238	0285	0332	0379	0427	0474	0521	0568	0615	0663
06	0710	0757	0804	0851	0898	0946	0993	1040	1087	1134	
07	1181	1229	1278	1323	1370	1417	1464	1512	1559	1606	
08	1653	1700	1747	1795	1842	1889	1936	1983	2030	2078	
09	2125	2172	2219	2266	2313	2361	2408	2455	2502	2549	
10	2596	2643	2691	2738	2785	2832	2879	2926	2974	3021	
8211	3068	3115	3162	3209	3256	3304	3351	3398	3445	3492	
12	3539	3586	3634	3681	3728	3775	3822	3869	3916	3964	
13	4011	4058	4105	4152	4199	4246	4294	4341	4388	4435	
14	4482	4529	4576	4623	4671	4718	4765	4812	4859	4906	
15	4953	6001	6048	6095	6142	6189	6236	6283	6330	6378	
16	6425	6472	6519	6566	6613	6660	6707	6755	6802	6849	
17	6896	6943	6990	7037	7084	7131	7179	7226	7273	7320	
18	7367	7414	7461	7508	7555	7602	7650	7697	7744	7791	
19	7838	7885	7932	7979	8027	8074	8121	8168	8215	8263	
20	7309	7356	7403	7451	7498	7545	7592	7639	7686	7733	
9221	7780	7827	7874	7922	7969	8018	8063	8110	8157	8204	47
22	8251	8298	8345	8392	8440	8487	8534	8581	8628	8675	1
23	8722	8768	8815	8863	8910	8958	9005	9052	9099	9146	2
24	9193	9240	9287	9334	9381	9428	9476	9523	9570	9617	3
25	9664	9711	9758	9805	9852	9899	9946	9993	0040	0087	4
26	985	0185	0182	0228	0276	0323	0370	0417	0454	0501	5
27	0805	0552	0609	0746	0793	0841	0888	0935	0982	1029	6
28	1076	1123	1170	1217	1264	1311	1358	1405	1452	1499	7
29	1546	1594	1641	1688	1735	1782	1829	1876	1923	1970	8
30	2017	2064	2111	2158	2205	2252	2299	2346	2393	2440	9
9231	2486	2535	2582	2629	2676	2723	2770	2817	2864	2911	
32	2958	3005	3052	3099	3146	3193	3240	3287	3334	3381	
33	3428	3475	3522	3569	3617	3664	3711	3758	3805	3852	
34	3899	3946	3993	4040	4087	4134	4181	4228	4275	4322	
35	4369	4416	4463	4510	4557	4604	4651	4698	4745	4792	
36	4839	4886	4933	4980	5027	5074	5121	5168	5215	5262	
37	5309	5356	5403	5450	5497	5543	5592	5639	5686	5733	
38	5780	5827	5874	5921	5968	6015	6062	6109	6156	6203	
39	6250	6297	6344	6391	6438	6485	6532	6579	6625	6673	
40	6720	6767	6814	6861	6908	6955	7002	7049	7096	7143	
9241	7190	7237	7284	7331	7378	7425	7472	7519	7566	7613	
42	7660	7707	7754	7801	7848	7895	7942	7989	8036	8083	
43	8130	8177	8224	8270	8317	8364	8411	8458	8505	8552	
44	8599	8646	8693	8740	8787	8834	8881	8928	8975	9022	
45	9069	9116	9163	9210	9257	9304	9351	9398	9445	9492	
46	9539	9586	9633	9680	9727	9774	9821	9868	9915	9962	
47	866	0009	0056	0103	0149	0196	0243	0290	0337	0384	
48	0478	0525	0572	0619	0666	0713	0760	0807	0854	0901	
49	0948	0995	1042	1089	1136	1183	1230	1276	1323	1370	
9250	1417	1464	1511	1558	1605	1652	1699	1745	1793	1840	

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9250	9661417	1464	1511	1658	1605	1652	1699	1746	1793	1840	
51	1887	1934	1981	2028	2075	2122	2168	2215	2262	2309	
52	2356	2403	2450	2497	2544	2591	2638	2685	2732	2779	
53	2826	2873	2919	2966	3013	3060	3107	3154	3201	3248	
54	3295	3342	3389	3436	3483	3530	3577	3623	3670	3717	
55	3764	3811	3858	3905	3952	3999	4046	4093	4140	4187	
56	4233	4280	4327	4374	4421	4468	4515	4562	4609	4656	
57	4703	4750	4796	4843	4890	4937	4984	5031	5078	5125	
58	5172	5219	5266	5312	5359	5406	5453	5500	5547	5594	
59	5641	5688	5735	5782	5828	5875	5922	5969	6016	6063	
60	6110	6157	6204	6251	6297	6344	6391	6438	6485	6532	
9261	6579	6626	6673	6720	6766	6813	6860	6907	6954	7001	
62	7048	7095	7142	7188	7235	7282	7329	7376	7423	7470	
63	7517	7564	7610	7657	7704	7751	7798	7845	7892	7939	
64	7985	8032	8079	8126	8173	8220	8267	8314	8360	8407	
65	8454	8501	8548	8595	8642	8689	8736	8782	8829	8876	
66	8923	8970	9017	9064	9110	9157	9204	9251	9298	9345	
67	9392	9438	9485	9532	9579	9626	9673	9720	9767	9813	
68	9860	9907	9954	0001	0048	0095	0141	0188	0235	0282	
69	0329	0376	0423	0469	0516	0563	0610	0657	0704	0750	
70	0797	0844	0891	0938	0985	1032	1078	1125	1172	1219	
9271	1266	1313	1359	1406	1453	1500	1547	1594	1641	1687	
72	1734	1781	1828	1875	1922	1968	2015	2062	2109	2156	
73	2203	2249	2296	2343	2390	2437	2484	2530	2577	2624	
74	2671	2718	2765	2811	2858	2905	2952	2999	3046	3092	
75	3139	3186	3233	3280	3326	3373	3420	3467	3514	3561	
76	3607	3654	3701	3748	3795	3841	3888	3935	3982	4029	
77	4076	4122	4169	4216	4263	4310	4356	4403	4450	4497	
78	4544	4590	4637	4684	4731	4778	4825	4871	4918	4965	
79	5012	5059	5105	5152	5199	5246	5293	5339	5386	5433	
80	5480	5527	5573	5620	5667	5714	5761	5807	5854	5901	
9281	5948	5995	6041	6088	6135	6182	6228	6275	6322	6369	
82	6416	6462	6509	6556	6603	6650	6696	6743	6790	6837	
83	6884	6930	6977	7024	7071	7117	7164	7211	7258	7305	
84	7351	7398	7445	7492	7538	7585	7632	7679	7726	7772	
85	7819	7866	7913	7959	8006	8053	8100	8146	8193	8240	
86	8287	8334	8380	8427	8474	8521	8567	8614	8661	8708	
87	8754	8801	8848	8895	8942	8988	9035	9082	9129	9176	
88	9223	9269	9316	9362	9409	9456	9503	9549	9596	9643	
89	9690	9736	9783	9830	9877	9923	9970	0017	0064	0110	
90	0157	0204	0251	0297	0344	0391	0438	0484	0531	0578	
9291	0625	0671	0718	0765	0812	0858	0905	0952	0999	1045	
92	1092	1139	1185	1232	1279	1326	1372	1419	1466	1513	
93	1559	1606	1653	1700	1746	1793	1840	1886	1933	1980	
94	2027	2073	2120	2167	2214	2260	2307	2354	2400	2447	
95	2494	2541	2587	2634	2681	2728	2774	2821	2868	2914	
96	2961	3008	3055	3101	3148	3195	3241	3288	3335	3382	
97	3428	3475	3522	3568	3615	3662	3709	3755	3802	3849	
98	3895	3942	3989	4036	4082	4129	4176	4222	4269	4316	
99	4363	4409	4456	4503	4549	4596	4643	4689	4736	4783	
9300	4829	4876	4923	4970	5016	5063	5110	5156	5203	5250	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
8300	868	4829	4876	4923	4970	6016	5083	5110	5156	5203	5250
01	5296	5343	5390	5437	5483	5530	5577	5623	5670	5717	
02	5763	5810	5857	5903	5950	5997	6043	6090	6137	6184	
03	8230	6277	6324	6370	6417	6464	6510	6557	6604	6650	
04	6697	6744	6780	6837	6884	6930	6977	7024	7070	7117	
05	7164	7210	7257	7304	7350	7397	7444	7490	7537	7584	
06	7630	7677	7724	7770	7817	7864	7910	7957	8004	8050	
07	8097	8144	8190	8237	8284	8330	8377	8424	8470	8517	
08	8554	8610	8657	8704	8750	8797	8844	8890	8937	8984	
09	9030	9077	9124	9170	9217	9264	9310	9357	9404	9450	
10	9497	9543	9590	9637	9683	9730	9777	9823	9870	9917	
8311	8983	9010	9057	9103	9150	9196	9243	9290	9336	9383	
12	859	0430	0473	0523	0570	0616	0663	0709	0755	0803	0849
13	0896	0943	0989	1036	1083	1129	1176	1222	1269	1316	
14	1362	1409	1456	1502	1549	1595	1642	1689	1735	1782	
15	1829	1875	1922	1968	2015	2062	2108	2155	2202	2248	
16	2295	2341	2388	2435	2481	2528	2574	2621	2668	2714	
17	2751	2808	2854	2901	2947	2994	3041	3087	3134	3180	
18	3227	3274	3320	3367	3413	3460	3507	3553	3600	3647	
19	3693	3740	3786	3833	3880	3926	3973	4019	4066	4113	
20	4159	4206	4252	4299	4346	4392	4439	4486	4532	4579	
9321	4625	4672	4718	4765	4811	4858	4905	4951	4998	5044	
22	5091	5138	5184	5231	5277	5324	5371	5417	5464	5510	
23	5557	5603	5650	5697	5743	5790	5836	5883	5929	5976	
24	6023	6069	6116	6162	6209	6256	6302	6349	6395	6442	
25	6488	6535	6582	6628	6676	6721	6768	6814	6861	6908	
26	6954	7001	7047	7094	7140	7187	7234	7280	7327	7373	
27	7420	7468	7513	7559	7606	7653	7699	7746	7792	7839	
28	7885	7932	7978	8025	8072	8118	8165	8211	8258	8304	
29	8351	8397	8444	8491	8537	8584	8630	8677	8723	8770	
30	8818	8863	8910	8956	9003	9049	9095	9142	9189	9235	
9331	9282	9328	9375	9422	9468	9515	9561	9608	9654	9701	
32	9747	9794	9840	9887	9933	9980	0027	0073	0120	0166	
33	870	0213	0259	0306	0352	0399	0445	0492	0538	0585	0631
34	0678	0724	0771	0818	0864	0911	0957	1004	1050	1097	
35	1143	1190	1236	1283	1329	1376	1422	1469	1516	1562	
36	1608	1655	1701	1748	1794	1841	1888	1934	1981	2027	
37	2074	2120	2167	2213	2260	2306	2353	2399	2446	2492	
38	2539	2585	2632	2678	2725	2771	2818	2864	2911	2957	
39	3004	3050	3097	3143	3190	3236	3283	3329	3376	3422	
40	3469	3515	3562	3608	3655	3701	3748	3794	3841	3887	
8341	3934	3980	4027	4073	4120	4166	4213	4259	4306	4352	
42	4399	4445	4492	4538	4585	4631	4678	4724	4771	4817	
43	4863	4910	4956	5003	5049	5096	5142	5189	5235	5282	
44	5328	5375	5421	5468	5514	5561	5607	5654	5700	5747	
45	5793	5840	5886	5933	5979	6025	6072	6118	6165	6211	
46	6258	6304	6351	6397	6444	6490	6537	6583	6629	6676	
47	6722	6769	6815	6862	6908	6955	7001	7048	7094	7141	
48	7187	7233	7280	7326	7373	7419	7466	7512	7558	7605	
49	7652	7698	7745	7791	7837	7884	7930	7977	8023	8070	
8350	8116	8163	8209	8255	8302	8348	8395	8441	8488	8534	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
9350	970	8116	8163	8209	8255	8302	8348	8395	8441	8488	8534
51		8581	8627	8673	8720	8766	8813	8859	8906	8952	8999
52		9045	9091	9138	9184	9231	9277	9324	9370	9416	9463
53		9509	9556	9602	9649	9695	9742	9788	9834	9881	9927
54		9974	0020	0067	0113	0159	0206	0252	0299	0345	0391
55	971	0438	0484	0531	0577	0624	0670	0716	0763	0809	0856
56		0902	0949	0995	1041	1088	1134	1181	1227	1273	1320
57		1366	1413	1459	1506	1552	1598	1645	1691	1738	1784
58		1830	1877	1923	1970	2016	2062	2109	2155	2202	2248
59		2294	2341	2387	2434	2480	2526	2573	2619	2666	2712
60		2758	2805	2851	2898	2944	2990	3037	3083	3130	3176
9361		3222	3269	3315	3362	3408	3454	3501	3547	3594	3640
62		3686	3733	3779	3826	3872	3918	3965	4011	4057	4104
63		4150	4197	4243	4289	4336	4382	4429	4475	4521	4568
64		4614	4660	4707	4753	4800	4846	4892	4939	4985	5031
65		5078	5124	5171	5217	5263	5310	5356	5402	5449	5495
66		5542	5588	5634	5681	5727	5773	5820	5866	5912	5959
67		6005	6052	6098	6144	6191	6237	6283	6330	6376	6422
68		6469	6515	6562	6608	6654	6701	6747	6793	6840	6886
69		6932	6979	7025	7071	7118	7164	7211	7257	7303	7350
70		7396	7442	7489	7535	7581	7628	7674	7720	7767	7813
9371		7859	7906	7952	7998	8045	8091	8137	8184	8230	8276
72		8323	8369	8415	8462	8508	8554	8601	8647	8694	8740
73		8786	8833	8879	8925	8972	9018	9064	9111	9157	9203
74		9249	9296	9342	9388	9435	9481	9527	9574	9620	9666
75		9713	9759	9805	9852	9898	9944	9991	0037	0083	0130
76	972	0176	0222	0269	0315	0361	0408	0454	0500	0547	0593
77		0639	0685	0732	0778	0824	0871	0917	0963	1010	1056
78		1102	1149	1195	1241	1288	1334	1380	1426	1473	1519
79		1565	1612	1658	1704	1751	1797	1843	1889	1936	1982
80		2028	2075	2121	2167	2214	2260	2306	2352	2399	2445
9381		2491	2538	2584	2630	2677	2723	2769	2815	2862	2908
82		2954	3001	3047	3093	3139	3186	3232	3278	3325	3371
83		3417	3463	3510	3556	3602	3649	3695	3741	3787	3834
84		3880	3926	3973	4019	4065	4111	4158	4204	4250	4296
85		4343	4389	4435	4482	4528	4574	4620	4667	4713	4759
86		4805	4852	4898	4944	4991	5037	5083	5129	5176	5222
87		5268	5314	5361	5407	5453	5500	5546	5592	5638	5685
88		5731	5777	5823	5870	5916	5962	6008	6055	6101	6147
89		6193	6240	6286	6332	6378	6425	6471	6517	6563	6610
90		6656	6702	6748	6795	6841	6887	6933	6980	7026	7072
9391		7118	7165	7211	7257	7303	7350	7396	7442	7488	7535
92		7581	7627	7673	7720	7766	7812	7858	7905	7951	7997
93		8043	8089	8136	8182	8228	8274	8321	8367	8413	8459
94		8506	8552	8598	8644	8690	8737	8783	8829	8875	8922
95		8968	9014	9060	9107	9153	9199	9245	9291	9338	9384
96		9430	9476	9523	9569	9615	9661	9707	9754	9800	9846
97		9892	9938	9985	0031	0077	0123	0170	0216	0262	0308
98	973	0354	0401	0447	0493	0539	0585	0632	0678	0724	0770
99		0816	0863	0909	0955	1001	1048	1094	1140	1186	1232
9400		1279	1325	1371	1417	1463	1510	1556	1602	1648	1694

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
0400	973	1279	1325	1371	1417	1463	1519	1556	1602	1648	1694
01	1741	1787	1833	1879	1925	1972	2018	2064	2110	2156	
02	2202	2249	2295	2341	2387	3433	2480	2526	2572	2618	
03	2661	2711	2757	2803	2849	2895	2941	2988	3034	3080	
04	3126	3172	3219	3265	3311	0357	3403	3449	3496	3542	
05	3588	3634	3680	3727	3773	3819	3865	3911	3957	4004	
00	4050	4098	4142	4188	4234	4281	4327	4373	4419	4465	
07	4511	4558	4604	4650	4696	4742	4788	4835	4881	4927	
08	4973	5019	5065	5112	5158	5204	5250	5296	5342	5389	
09	5435	5481	5527	5573	5619	5665	5712	5758	5804	5850	
10	5890	5943	5982	6035	6061	6127	6173	6219	6265	6312	
0411	6358	6404	6450	6496	6542	6588	6635	6681	6727	6773	
12	6819	6865	6911	6958	7004	7050	7096	7142	7188	7234	
13	7281	7327	7373	7419	7465	7511	7557	7604	7650	7696	
14	7742	7788	7834	7880	7926	7973	8019	8065	8111	8157	
15	8203	8249	8295	8342	8389	8431	8480	8526	8572	8618	
16	8664	8711	8757	8803	8849	8895	8941	8987	9033	9080	
17	9126	9173	9218	9264	9310	9350	9402	9449	9495	9541	
18	0587	9633	9679	9725	9771	9817	9864	9910	9956	0002	
19	074	0048	0094	0140	0186	0232	0279	0325	0371	0417	
20	0509	0555	0601	0647	0693	0740	0788	0833	0876	0924	
0431	0970	1016	1062	1108	1154	1201	1247	1293	1339	1385	
22	1431	1477	1523	1569	1615	1661	1708	1754	1800	1846	
23	1893	1938	1984	2030	2076	2122	2168	2215	2261	2307	
24	2353	2399	2445	2491	2537	2583	2629	2675	2721	2768	
25	2814	2860	2906	2952	2998	3044	3090	3136	3182	3228	
26	3274	3320	3367	3413	3459	3505	3551	3597	3643	3689	
27	3735	3781	3827	3873	3919	3965	4011	4058	4104	4150	
28	4196	4242	4288	4334	4380	4426	4472	4518	4564	4610	
29	4656	4702	4748	4795	4841	4887	4933	4979	5025	5071	
30	5117	5163	5209	5255	5301	5347	5393	5439	5485	5531	
0431	5577	5623	5670	5716	5762	5808	5854	5900	5946	5992	
32	6038	6084	6130	6176	6222	6268	6314	6360	6406	6452	
33	6498	6544	6590	6636	6683	6729	6775	6821	6867	6913	
34	6953	7005	7051	7097	7143	7189	7235	7281	7327	7373	
35	7419	7465	7511	7557	7603	7649	7695	7741	7787	7833	
36	7870	7925	7971	8017	8063	8109	8155	8201	8248	8294	
37	8340	8388	8432	8479	8524	8570	8618	8662	8708	8754	
38	8800	8848	8892	8938	8984	9030	9078	9122	9168	9214	
39	9260	9308	9352	9398	9444	0490	0536	0582	0628	0674	
40	9720	0768	0812	0858	0904	0950	0996	0042	0088	0134	
0441	0180	0228	0273	0319	0364	0419	0466	0502	0548	0594	
42	0640	0680	0732	0779	0824	0870	0916	0963	1008	1054	
43	1100	1145	1192	1239	1284	1330	1378	1422	1468	1514	
44	1560	1606	1652	1698	1744	1790	1836	1882	1928	1974	
45	2020	2066	2112	2158	2204	2250	2296	2341	2387	2433	
46	2479	2525	2571	2617	2663	2709	2755	2801	2847	2893	
47	2939	2985	3031	3077	3123	3169	3215	3261	3307	3353	
48	3399	3445	3491	3537	3583	3629	3675	3721	3767	3813	
49	3858	3904	3950	3996	4042	4088	4134	4180	4226	4272	
0450	4318	4364	4410	4456	4502	4548	4594	4640	4686	4732	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
9450	975 4318	4364	4410	4456	4502	4548	4594	4640	4686	4732	
51	4778	4824	4870	4915	4961	5007	5053	5099	5145	5191	
52	5237	5283	5329	5375	5421	5467	5513	5559	5605	5651	
53	5697	5743	5788	5834	5880	5926	5972	6018	6064	6110	
54	6156	6202	6248	6294	6340	6386	6432	6478	6523	6569	
55	6615	6661	6707	6753	6799	6845	6891	6937	6983	7029	
56	7075	7121	7166	7212	7258	7304	7350	7396	7442	7488	
57	7534	7580	7626	7672	7718	7763	7809	7855	7901	7947	
58	7993	8039	8085	8131	8177	8223	8269	8315	8360	8406	
59	8452	8498	8544	8590	8636	8682	8728	8774	8820	8865	
60	8911	8957	9003	9049	9095	9141	9187	9233	9279	9325	
9461	9370	9416	9462	9508	9554	9600	9646	9692	9738	9784	
62	9829	9875	9921	9967	0013	0059	0105	0151	0197	0243	
63	976 0288	0334	0380	0426	0472	0518	0564	0610	0656	0701	
64	0747	0793	0839	0885	0931	0977	1023	1069	1114	1160	
65	1206	1252	1298	1344	1390	1436	1481	1527	1573	1619	
66	1665	1711	1757	1803	1849	1894	1940	1986	2032	2078	
67	2124	2170	2216	2261	2307	2353	2399	2445	2491	2537	
68	2582	2628	2674	2720	2766	2812	2858	2904	2949	2995	
69	3041	3087	3133	3179	3225	3270	3316	3362	3408	3454	
70	3500	3546	3592	3637	3683	3729	3775	3821	3867	3913	
9471	3958	4004	4050	4096	4142	4188	4233	4279	4325	4371	46
72	4417	4463	4509	4554	4600	4646	4692	4738	4784	4830	1 5
73	4875	4921	4967	5013	5059	5105	5150	5196	5242	5288	2 9
74	5334	5380	5425	5471	5517	5563	5609	5655	5701	5746	3 14
75	5792	5838	5884	5930	5976	6021	6067	6113	6159	6205	4 18
76	6251	6296	6342	6388	6434	6480	6525	6571	6617	6663	5 23
77	6709	6755	6800	6846	6892	6938	6984	7030	7075	7121	6 28
78	7167	7213	7259	7305	7350	7396	7442	7488	7534	7579	7 32
79	7625	7671	7717	7763	7808	7854	7900	7946	7992	8038	8 37
80	8083	8129	8175	8221	8267	8312	8358	8404	8450	8496	9 41
9481	8541	8587	8633	8679	8725	8770	8816	8862	8908	8954	
82	9000	9045	9091	9137	9183	9229	9274	9320	9366	9412	
83	9458	9503	9549	9595	9641	9686	9732	9778	9824	9870	
84	9915	9961	0007	0053	0099	0144	0190	0236	0282	0328	
85	977 0373	0419	0465	0511	0556	0602	0648	0694	0740	0785	
86	0831	0877	0923	0969	1014	1060	1106	1152	1197	1243	
87	1289	1335	1381	1426	1472	1518	1564	1609	1655	1701	
88	1747	1793	1838	1884	1930	1976	2021	2067	2113	2159	
89	2204	2250	2296	2342	2388	2433	2479	2525	2571	2616	
90	2662	2708	2754	2799	2845	2891	2937	2982	3028	3074	
9491	3120	3165	3211	3257	3303	3349	3394	3440	3486	3532	
92	3577	3623	3669	3715	3760	3806	3852	3898	3943	3989	
93	4035	4081	4126	4172	4218	4264	4309	4355	4401	4447	
94	4492	4538	4584	4630	4675	4721	4767	4812	4858	4904	
95	4950	4995	5041	5087	5133	5178	5224	5270	5316	5361	
96	5407	5453	5499	5544	5590	5636	5681	5727	5773	5819	
97	5864	5910	5956	6002	6047	6093	6139	6184	6230	6276	
98	6322	6367	6413	6459	6505	6550	6596	6642	6687	6733	
99	6779	6825	6870	6916	6962	7007	7053	7099	7145	7190	
9500	7236	7282	7327	7373	7419	7465	7510	7556	7602	7647	

No	0	1	2	3	4	5	6	7	8	9	Dist.
9500	977	7236	7282	7327	7373	7419	7465	7510	7556	7602	7647
01		7693	7739	7785	7830	7876	7922	7967	8013	8059	8105
02		8150	8196	8242	8287	8333	8379	8424	8470	8516	8562
03		8607	8653	8699	8744	8790	8836	8881	8927	8973	9019
04		9064	9110	9156	9201	9247	9293	9338	9384	9430	9476
05		9521	9567	9613	9658	9704	9750	9795	9841	9887	9932
06		9978	0021	0069	0115	0161	0207	0252	0298	0344	0389
07	978	0435	0481	0526	0572	0618	0663	0709	0755	0800	0846
08		0892	0937	0983	1029	1074	1120	1166	1211	1257	1303
09		1348	1394	1440	1485	1531	1577	1622	1668	1714	1760
10		1805	1851	1897	1942	1988	2033	2079	2125	2170	2216
9511		2262	2307	2353	2399	2444	2490	2536	2581	2627	2673
13		2718	2764	2810	2855	2901	2947	2992	3038	3084	3129
13		3175	3221	3266	3312	3358	3403	3449	3495	3540	3586
14		3631	3677	3723	3768	3814	3860	3905	3951	3997	4042
15		4086	4134	4178	4225	4270	4316	4362	4407	4453	4499
16		4544	4590	4636	4681	4727	4773	4818	4864	4909	4955
17		5001	5046	5092	5138	5183	5229	5274	5320	5366	5411
18		5457	5503	5548	5594	5640	5685	5731	5776	5822	5868
19		5913	5950	6005	6050	6098	6141	6187	6233	6278	6324
20		6369	6415	6461	6508	6552	6598	6643	6689	6734	6780
9521		6826	6871	6917	6962	7008	7054	7099	7145	7191	7236
22		7282	7327	7373	7419	7464	7510	7555	7601	7647	7692
23		7738	7783	7829	7875	7920	7966	8011	8057	8103	8148
24		8194	8239	8285	8331	8376	8422	8467	8513	8559	8604
25		8650	8695	8741	8787	8832	8878	8923	8969	9015	9060
26		9106	9151	9197	9243	9288	9334	9379	9425	9470	9516
27		9562	9607	9653	9698	9744	9790	9835	9881	9926	9972
28	979	0017	0063	0109	0154	0200	0245	0291	0337	0382	0428
29		0473	0519	0564	0610	0656	0701	0747	0792	0838	0883
30		0929	0975	1020	1066	1111	1157	1202	1248	1294	1339
9531		1385	1430	1476	1521	1567	1613	1658	1704	1749	1795
32		1840	1886	1931	1977	2023	2068	2114	2159	2205	2250
33		2296	2341	2387	2433	2478	2524	2569	2615	2660	2700
34		2751	2797	2843	2888	2934	2979	3025	3070	3116	3161
35		3207	3253	3298	3344	3389	3435	3480	3526	3571	3617
36		3662	3708	3754	3799	3845	3890	3936	3981	4027	4072
37		4118	4163	4209	4254	4300	4346	4391	4437	4482	4528
38		4573	4619	4664	4710	4755	4801	4846	4892	4937	4983
39		5028	5074	5120	5165	5211	5256	5302	5347	5393	5438
40		5484	5529	5575	5620	5660	5711	5757	5802	5848	5893
9541		5939	5984	6030	6076	6121	6167	6212	6258	6303	6349
42		6394	6440	6485	6531	6576	6622	6667	6713	6758	6804
43		6849	6895	6940	6986	7031	7077	7123	7168	7213	7259
44		7304	7350	7395	7441	7486	7532	7577	7623	7668	7714
45		7759	7805	7850	7896	7941	7987	8032	8078	8123	8169
46		8214	8260	8305	8351	8396	8442	8487	8533	8578	8624
47		8669	8715	8760	8806	8851	8897	8942	8988	9033	9079
48		9124	9170	9215	9261	9306	9352	9397	9442	9488	9533
49		9579	9624	9670	9715	9761	9806	9852	9897	9943	9988
9550	980	0034	0079	0125	0170	0216	0261	0307	0352	0398	0443

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
9550	980 0034	0079	0125	0170	0216	0261	0307	0352	0398	0443	
51	0488	0534	0579	0625	0670	0716	0761	0807	0852	0898	
52	0943	0989	1034	1080	1125	1170	1216	1261	1307	1352	
53	1398	1443	1489	1534	1580	1625	1671	1716	1761	1807	
54	1852	1898	1943	1989	2034	2080	2125	2171	2216	2261	
55	2307	2352	2398	2443	2489	2534	2580	2625	2671	2716	
56	2761	2807	2852	2898	2943	2989	3034	3080	3125	3170	
57	3216	3261	3307	3352	3398	3443	3489	3534	3579	3625	
58	3670	3716	3761	3807	3852	3897	3943	3988	4034	4079	
59	4125	4170	4215	4261	4306	4352	4397	4443	4488	4533	
60	4579	4624	4670	4715	4761	4806	4851	4897	4942	4988	
9561	5033	5079	5124	5169	5215	5260	5306	5351	5397	5442	
62	5487	5533	5578	5624	5669	5714	5760	5805	5851	5896	
63	5942	5987	6032	6078	6123	6169	6214	6259	6305	6350	
64	6396	6441	6486	6532	6577	6623	6668	6714	6759	6804	
65	6850	6895	6941	6986	7031	7077	7122	7168	7213	7258	
66	7304	7349	7395	7440	7485	7531	7576	7622	7667	7712	
67	7758	7803	7849	7894	7939	7985	8030	8075	8121	8166	
68	8212	8257	8302	8348	8393	8439	8484	8529	8575	8620	
69	8666	8711	8756	8802	8847	8892	8938	8983	9029	9074	
70	9119	9165	9210	9256	9301	9346	9392	9437	9482	9528	
9571	9573	9619	9664	9709	9755	9800	9845	9891	9936	9982	45
72	981 0027	0072	0118	0163	0208	0254	0299	0344	0390	0435	1 5
73	0481	0526	0571	0617	0662	0707	0753	0798	0844	0889	2 9
74	0934	0980	1025	1070	1116	1161	1206	1252	1297	1342	3 14
75	1388	1433	1479	1524	1569	1615	1660	1705	1751	1796	4 18
76	1841	1887	1932	1977	2023	2068	2113	2159	2204	2250	5 23
77	2295	2340	2386	2431	2476	2522	2567	2612	2658	2703	6 27
78	2748	2794	2839	2884	2930	2975	3020	3066	3111	3156	7 32
79	3202	3247	3292	3338	3383	3428	3474	3519	3564	3610	8 36
80	3655	3700	3746	3791	3836	3882	3927	3972	4018	4063	9 41
9581	4108	4154	4199	4244	4290	4335	4380	4426	4471	4516	
82	4562	4607	4652	4698	4743	4788	4834	4879	4924	4970	
83	5015	5060	5106	5151	5196	5241	5287	5332	5377	5423	
84	5468	5513	5559	5604	5649	5695	5740	5785	5831	5876	
85	5921	5966	6012	6057	6102	6148	6193	6238	6284	6329	
86	6374	6420	6465	6510	6555	6601	6646	6691	6737	6782	
87	6827	6873	6918	6963	7008	7054	7099	7144	7190	7235	
88	7280	7326	7371	7416	7461	7507	7552	7597	7643	7688	
89	7733	7778	7824	7869	7914	7960	8005	8050	8095	8141	
90	8186	8231	8277	8322	8367	8412	8458	8503	8548	8594	
9591	8639	8684	8729	8775	8820	8865	8911	8956	9001	9046	
92	9092	9137	9182	9228	9273	9318	9363	9409	9454	9499	
93	9544	9590	9635	9680	9726	9771	9816	9861	9907	9952	
94	9997	0012	0058	0103	0148	0193	0238	0283	0329	0374	
95	982 0450	0495	0540	0586	0631	0676	0721	0767	0812	0857	
96	0902	0948	0993	1038	1083	1129	1174	1219	1264	1310	
97	1355	1400	1445	1491	1536	1581	1626	1672	1717	1762	
98	1807	1853	1898	1943	1988	2034	2079	2124	2169	2215	
99	2260	2305	2350	2396	2441	2486	2531	2577	2622	2667	
9600	2712	2758	2803	2848	2893	2939	2984	3029	3074	3119	

No.	0	1	2	3	4	5	6	7	8	9	Diff	
9600	989	712	2758	2803	2848	2893	2939	2984	3029	3074	3119	
01	3165	3210	3255	3300	3345	3391	3435	3481	3527	35 2		
02	3617	3662	3707	3753	3798	3843	3888	3934	3979	4024		
03	4069	4115	4160	4205	4250	4295	4341	4386	4431	4476		
04	4522	4567	4612	4657	4702	4746	4793	4838	4883	4928		
05	4974	5019	5064	5109	5155	6200	5245	5290	5335	5381		
06	5426	5471	5515	5561	5607	5652	5697	5742	5787	5833		
07	5878	5923	5968	6014	6059	6104	6149	6194	6240	6285		
08	6330	6375	6420	6465	6511	6555	6601	6646	6692	6737		
09	6782	6827	6872	6918	6963	7005	7053	7098	7143	7189		
10	7234	7279	7324	7369	7416	7450	7500	7550	7595	7641		
9611	7685	7731	7776	7821	7867	7912	7957	8002	8047	8093		
12	8138	8183	8228	8273	8318	8364	8409	8454	8499	8544		
13	8589	8635	8680	8725	8770	8815	8860	8905	8951	8996		
14	9041	9086	9132	9177	9222	9267	9312	9357	9403	9448		
15	9493	9538	9583	9628	9674	9719	9764	9809	9854	9899		
16	9945	9990	0035	0080	0125	0170	0215	0261	0306	0351		
17	983	0396	0441	0486	0532	0577	0622	0667	0712	0757		
18	0848	0893	0938	0983	1028	1073	1119	1164	1209	1254		
19	1299	1344	1390	1435	1480	1525	1570	1615	1660	1705		
20	1751	1796	1841	1886	1931	1976	2022	2067	2112	2157		
9621	2202	2247	2292	2338	2383	2428	2473	2518	2563	2608		
22	2654	2699	2744	2789	2834	2879	2924	2969	3015	3060		
23	3105	3150	3195	3240	3285	3331	3376	3421	3466	3511		
24	3556	3601	3646	3692	3737	3782	3827	3872	3917	3962		
25	4007	4052	4098	4143	4188	4233	4278	4323	4368	4413		
26	4459	4504	4549	4594	4639	4684	4729	4774	4819	4865		
27	4910	4955	5000	5045	5090	5135	5180	5225	5271	5316		
28	5361	5406	5451	5496	5541	5586	5631	5677	5722	5767		
29	5812	5857	5902	5947	5992	6037	6082	6128	6173	6218		
30	6263	6308	6353	6398	6443	6488	6533	6579	6624	6669		
9631	6714	6759	6804	6849	6894	6939	6984	7029	7075	7120		
32	7165	7210	7255	7300	7345	7390	7435	7480	7525	7571		
33	7615	7661	7706	7751	7796	7841	7886	7931	7976	8021		
34	8065	8111	8157	8202	8247	8292	8337	8382	8427	8472		
35	8517	8562	8607	8652	8697	8743	8788	8833	8878	8923		
36	8968	9013	9058	9103	9148	9193	9238	9283	9328	9374		
37	9419	9464	9509	9554	9599	9644	9689	9734	9779	9824		
38	9869	9914	9959	0004	0049	0095	0140	0185	0230	0275		
39	984	0320	0365	0410	0455	0500	0545	0590	0635	0680		
40	0770	0815	0860	0905	0951	0996	1041	1085	1131	1176		
9641	1221	1266	1311	1356	1401	1445	1491	1536	1581	1626		
42	1671	1716	1761	1806	1851	1896	1942	1987	2032	2077		
43	2122	2167	2212	2257	2302	2347	2392	2437	2482	2527		
44	2572	2617	2662	2707	2752	2 07	2842	2887	2932	2977		
45	3022	3067	3112	3157	3202	3247	3292	3338	3383	3428		
46	3473	3518	3563	3608	3653	3698	3743	3788	3833	3878		
47	3923	3968	4013	4058	4103	4148	4193	4238	4283	4328		
48	4373	4418	4463	4508	4553	4598	4643	4688	4733	4778		
49	4823	4868	4913	4958	5003	5048	5093	5138	5183	5228		
9650	5273	5318	5363	5408	5453	5498	5543	5588	5633	5678		

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11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37 38 39 40

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9650	984	5273	5318	5363	5408	5453	5498	5543	5588	5633	5678
51		5723	5768	5813	5858	5903	5948	5993	6038	6083	6128
52		6173	6218	6263	6308	6353	6398	6443	6488	6533	6578
53		6623	6668	6713	6758	6803	6848	6893	6938	6983	7028
54		7073	7118	7163	7208	7253	7298	7343	7388	7433	7478
55		7523	7568	7613	7658	7703	7748	7793	7838	7883	7928
56		7973	8018	8063	8107	8152	8197	8242	8287	8332	8377
57		8422	8467	8512	8557	8602	8647	8692	8737	8782	8827
58		8872	8917	8962	9007	9052	9097	9142	9187	9232	9277
59		9322	9367	9412	9457	9502	9546	9591	9636	9681	9726
60		9771	9816	9861	9906	9951	9996	0041	0086	0131	0176
9661	985	0221	0266	0311	0356	0401	0446	0491	0536	0580	0625
62		0670	0715	0760	0805	0850	0895	0940	0985	1030	1075
63		1120	1165	1210	1255	1300	1345	1389	1434	1479	1524
64		1569	1614	1659	1704	1749	1794	1839	1884	1929	1974
65		2019	2064	2108	2153	2198	2243	2288	2333	2378	2423
66		2468	2513	2558	2603	2648	2693	2737	2782	2827	2872
67		2917	2962	3007	3052	3097	3142	3187	3232	3277	3321
68		3366	3411	3456	3501	3546	3591	3636	3681	3726	3771
69		3816	3861	3905	3950	3995	4040	4085	4130	4175	4220
70		4265	4310	4355	4399	4444	4489	4534	4579	4624	4669
9671		4714	4759	4804	4849	4893	4938	4983	5028	5073	5118
72		5163	5208	5253	5298	5342	5387	5432	5477	5522	5567
73		5612	5657	5702	5747	5791	5836	5881	5926	5971	6016
74		6061	6106	6151	6196	6240	6285	6330	6375	6420	6465
75		6510	6555	6600	6644	6689	6734	6779	6824	6869	6914
76		6959	7003	7048	7093	7138	7183	7228	7273	7318	7363
77		7407	7452	7497	7542	7587	7632	7677	7722	7766	7811
78		7856	7901	7946	7991	8036	8081	8125	8170	8215	8260
79		8305	8350	8395	8440	8484	8529	8574	8619	8664	8709
80		8754	8798	8843	8888	8933	8978	9023	9068	9112	9157
9681		9202	9247	9292	9337	9382	9426	9471	9516	9561	9606
82		9651	9696	9740	9785	9830	9875	9920	9965	0010	0054
83	986	0099	0144	0189	0234	0279	0324	0368	0413	0458	0503
84		0548	0593	0637	0682	0727	0772	0817	0862	0907	0951
85		0996	1041	1086	1131	1176	1220	1265	1310	1355	1400
86		1445	1489	1534	1579	1624	1669	1714	1758	1803	1848
87		1893	1938	1983	2027	2072	2117	2162	2207	2252	2296
88		2341	2386	2431	2476	2521	2565	2610	2655	2700	2745
89		2790	2834	2879	2924	2969	3014	3058	3103	3148	3193
90		3238	3283	3327	3372	3417	3462	3507	3551	3596	3641
9691		3686	3731	3776	3820	3865	3910	3955	4000	4044	4089
92		4134	4179	4224	4268	4313	4358	4403	4448	4493	4537
93		4582	4627	4672	4717	4761	4806	4851	4896	4941	4985
94		5030	5075	5120	5165	5209	5254	5299	5344	5389	5433
95		5478	5523	5568	5613	5657	5702	5747	5792	5836	5881
96		5926	5971	6016	6060	6105	6150	6195	6240	6284	6329
97		6374	6419	6464	6508	6553	6598	6643	6687	6732	6777
98		6822	6867	6911	6956	7001	7046	7090	7135	7180	7225
99		7270	7314	7359	7404	7449	7493	7538	7583	7628	7673
9700		7717	7762	7807	7852	7896	7941	7986	8031	8076	8120

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No.	0	1	2	3	4	5	6	7	8	9	Diff.	
9700	986	7717	7762	7807	7852	7898	7941	7986	8031	8076	8120	
01		8165	8210	8255	8299	8344	8389	8434	8478	8523	8568	
02		8613	8657	8702	8747	8792	8837	8881	8926	8971	9016	
03		9060	9105	9150	9195	9259	9284	9329	9374	9418	9463	
04		9508	9553	9597	9642	9687	9732	9776	9821	9866	9911	
05		9955	0000	0045	0090	0134	0179	0224	0269	0313	0358	
06	987	0403	0448	0492	0537	0582	0627	0671	0716	0761	0806	
07		0850	0895	0940	0985	1029	1074	1119	1163	1208	1253	
08		1298	1343	1387	1432	1477	1521	1566	1611	1658	1700	
09		1745	1790	1834	1879	1924	1969	2013	2058	2105	2148	
10		2192	2237	2282	2326	2371	2416	2461	2505	2550	2595	
9711		2640	2684	2729	2774	2818	2863	2908	2953	2997	3042	
12		3087	3131	3176	3221	3266	3310	3355	3400	3444	3489	
13		3534	3579	3623	3668	3713	3757	3802	3847	3892	3936	
14		3981	4026	4070	4115	4160	4205	4249	4294	4339	4383	
15		4428	4473	4517	4562	4607	4652	4696	4741	4786	4830	
16		4875	4920	4964	5009	5054	5099	5143	5188	5233	5277	
17		5322	5367	5411	5456	5501	5545	5590	5635	5680	5724	
18		5789	5834	5878	5923	5968	6013	6057	6102	6146	6191	
19		6236	6281	6325	6370	6415	6459	6484	6529	6573	6618	
20		6663	6707	6762	6797	6841	6886	6931	6975	7020	7065	
9721		7109	7154	7199	7243	7288	7333	7377	7422	7467	7511	
22		7556	7601	7646	7690	7735	7780	7824	7869	7914	7958	
23		8003	8048	8092	8137	8182	8226	8271	8316	8360	8405	
24		8450	8494	8539	8584	8628	8673	8717	8762	8807	8851	
25		8896	8941	8985	9030	9075	9119	9164	9209	9253	9298	
26		9343	9387	9432	9477	9521	9566	9611	9655	9700	9745	
27		9789	9834	9878	9923	9968	0012	0057	0102	0146	0191	
28	988	0236	0280	0325	0370	0414	0459	0503	0548	0593	0637	
29		0682	0727	0771	0816	0861	0905	0950	0994	1039	1084	
30		1128	1173	1218	1262	1307	1352	1396	1441	1485	1530	
9731		1575	1619	1664	1709	1753	1798	1842	1887	1932	1976	
32		2021	2066	2110	2155	2200	2244	2289	2333	2378	2423	
33		2467	2512	2556	2601	2646	2690	2735	2780	2824	2869	
34		2915	2958	3003	3047	3092	3136	3181	3225	3270	3315	
35		3360	3404	3449	3493	3538	3583	3627	3672	3717	3761	
36		3808	3852	3897	3941	3986	4030	4075	4119	4164	4209	
37		4252	4297	4341	4386	4430	4475	4519	4564	4609	4653	
38		4698	4742	4787	4831	4876	4921	4965	5010	5055	5099	
39		5144	5188	5233	5277	5322	5367	5411	5456	5500	5545	
40		5590	5634	5679	5723	5768	5813	5857	5902	5946	5991	
9741		6035	6080	6124	6169	6214	6258	6303	6348	6392	6437	
42		6481	6526	6570	6615	6660	6704	6749	6793	6838	6883	
43		6927	6972	7016	7061	7105	7150	7194	7239	7284	7328	
44		7373	7417	7462	7506	7551	7596	7640	7685	7729	7774	
45		7818	7863	7908	7952	7997	8041	8086	8130	8175	8220	
46		8264	8309	8353	8398	8443	8487	8531	8576	8621	8665	
47		8710	8754	8799	8843	8888	8932	8977	9022	9066	9111	
48		9155	9200	9244	9289	9333	9378	9423	9467	9512	9556	
49		9601	9645	9690	9734	9779	9823	9868	9913	9957	0002	
9750	989	0046	0091	0135	0180	0224	0269	0313	0358	0402	0447	

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
9750	989 0046	0091	0135	0180	0224	0269	0313	0358	0402	0447	
51	0492	0536	0581	0625	0670	0714	0759	0803	0848	0892	
52	0937	0981	1026	1071	1115	1160	1204	1249	1293	1338	
53	1382	1427	1471	1516	1560	1605	1649	1694	1738	1783	
54	1828	1872	1917	1961	2006	2050	2095	2139	2184	2228	
55	2273	2317	2362	2406	2451	2495	2540	2584	2629	2673	
56	2718	2762	2807	2851	2896	2940	2985	3030	3074	3119	
57	3163	3208	3252	3297	3341	3386	3430	3475	3519	3564	
58	3608	3653	3697	3742	3786	3831	3875	3920	3964	4009	
59	4053	4098	4142	4187	4231	4276	4320	4365	4409	4454	
60	4498	4543	4587	4632	4676	4721	4765	4810	4854	4899	
9761	4943	4988	5032	5077	5121	5166	5210	5255	5299	5344	
62	5388	5433	5477	5521	5566	5610	5655	5699	5744	5788	
63	5833	5877	5922	5966	6011	6055	6100	6144	6189	6233	
64	6278	6322	6367	6411	6456	6500	6545	6589	6634	6678	
65	6722	6767	6811	6856	6900	6945	6989	7034	7078	7123	
66	7167	7212	7256	7301	7345	7390	7434	7478	7523	7567	
67	7612	7656	7701	7745	7790	7834	7879	7923	7968	8012	
68	8057	8101	8145	8190	8234	8279	8323	8368	8412	8457	
69	8501	8546	8590	8634	8679	8723	8768	8812	8857	8901	
70	8916	8960	9005	9049	9093	9138	9182	9227	9271	9316	44
9771	9390	9435	9479	9523	9568	9612	9657	9701	9746	9790	1
72	9835	9879	9923	9968	0012	0057	0101	0146	0190	0235	2
73	0270	0323	0368	0412	0457	0501	0546	0590	0634	0679	3
74	0723	0768	0812	0857	0901	0946	0990	1034	1079	1123	4
75	1168	1212	1257	1301	1345	1390	1434	1479	1523	1568	5
76	1612	1656	1701	1745	1790	1834	1878	1923	1967	2012	6
77	2056	2101	2145	2189	2234	2278	2323	2367	2411	2456	7
78	2500	2545	2589	2634	2678	2722	2767	2811	2856	2900	8
79	2944	2989	3033	3078	3122	3167	3211	3255	3300	3344	9
80	3389	3433	3477	3522	3566	3611	3655	3699	3744	3788	40
9781	3833	3877	3921	3966	4010	4055	4099	4143	4188	4232	
82	4277	4321	4365	4410	4454	4499	4543	4587	4632	4676	
83	4721	4765	4809	4854	4898	4942	4987	5031	5076	5120	
84	5164	5209	5253	5298	5342	5386	5431	5475	5520	5564	
85	5608	5653	5697	5741	5786	5830	5875	5919	5963	6008	
86	6052	6096	6141	6185	6230	6274	6318	6363	6407	6452	
87	6496	6540	6585	6629	6673	6718	6762	6806	6851	6895	
88	6940	6984	7028	7073	7117	7161	7206	7250	7295	7339	
89	7383	7428	7472	7516	7561	7605	7649	7694	7738	7783	
90	7827	7871	7916	7960	8004	8049	8093	8137	8182	8226	
9791	8271	8315	8359	8404	8448	8492	8537	8581	8625	8670	
92	8714	8758	8803	8847	8891	8936	8980	9025	9069	9113	
93	9158	9202	9246	9291	9335	9379	9424	9468	9512	9557	
94	9601	9645	9690	9734	9778	9823	9867	9911	9956	0000	
95	0014	0059	0103	0147	0192	0236	0280	0325	0369	0413	
96	0458	0502	0546	0591	0635	0679	0724	0768	0812	0857	
97	0901	0945	0989	1034	1078	1123	1167	1211	1256	1300	
98	1344	1388	1433	1477	1521	1566	1610	1654	1699	1743	
99	1818	1862	1906	1951	1995	2039	2083	2128	2172	2216	
9800	2261	2305	2349	2394	2438	2482	2527	2571	2615	2660	

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9800	991	2261	2305	2349	2394	2438	2482	2527	2571	2615	2660
01		2704	2748	2793	2837	2881	2925	2970	3014	3058	3103
02		3147	3191	3236	3280	3324	3369	3413	3457	3501	3546
03		3590	3634	3679	3723	3767	3812	3856	3900	3944	3989
04		4033	4077	4122	4166	4210	4255	4299	4343	4387	4432
05		4476	4520	4565	4609	4653	4697	4742	4786	4830	4875
06		4919	4963	5007	5052	5096	5140	5185	5229	5273	5317
07		5362	5406	5450	5495	5539	5583	5627	5672	5716	5760
08		5805	5849	5893	5937	5982	6026	6070	6115	6159	6203
09		6247	6292	6336	6380	6424	6469	6513	6557	6602	6646
10		6690	6734	6779	6823	6867	6911	6956	7000	7044	7088
9811		7133	7177	7221	7266	7310	7354	7398	7443	7487	7531
12		7575	7620	7664	7708	7752	7797	7841	7885	7929	7974
13		8018	8062	8107	8151	8195	8239	8284	8328	8372	8416
14		8461	8505	8549	8593	8638	8682	8726	8770	8815	8859
15		8903	8947	8992	9036	9080	9124	9169	9213	9257	9301
16		9345	9390	9434	9478	9522	9567	9611	9655	9699	9744
17		9788	9832	9876	9921	9965	0009	0053	0098	0142	0186
18	992	0230	0275	0319	0363	0407	0451	0496	0540	0584	0628
19		0673	0717	0761	0805	0850	0894	0938	0982	1026	1071
20		1115	1159	1203	1248	1292	1336	1380	1424	1468	1513
9821		1557	1601	1646	1690	1734	1778	1822	1867	1911	1955
22		1999	2044	2088	2132	2176	2220	2265	2309	2353	2397
23		2441	2486	2530	2574	2618	2662	2707	2751	2795	2839
24		2884	2929	2972	3016	3060	3105	3149	3193	3237	3281
25		3325	3370	3414	3458	3502	3547	3591	3635	3679	3723
26		3768	3812	3856	3900	3944	3989	4033	4077	4121	4165
27		4210	4254	4298	4342	4386	4431	4475	4519	4563	4607
28		4651	4696	4740	4784	4828	4872	4917	4961	5005	5049
29		5093	5138	5182	5226	5270	5314	5358	5403	5447	5491
30		5535	5579	5624	5668	5712	5756	5800	5844	5889	5933
9831		5977	6021	6065	6109	6154	6198	6242	6286	6330	6375
32		6419	6463	6507	6551	6595	6640	6684	6728	6772	6816
33		6860	6905	6949	6993	7037	7081	7125	7170	7214	7258
34		7302	7346	7390	7435	7479	7523	7567	7611	7655	7699
35		7744	7788	7832	7876	7920	7964	8009	8053	8097	8141
36		8185	8229	8274	8318	8362	8406	8450	8494	8538	8583
37		8627	8671	8715	8759	8803	8847	8892	8936	8980	9024
38		9068	9112	9156	9201	9245	9289	9333	9377	9421	9465
39		9510	9554	9598	9642	9686	9730	9774	9819	9863	9907
40		9951	9995	0039	0083	0127	0172	0216	0260	0304	0348
9841	993	0392	0436	0481	0525	0569	0613	0657	0701	0745	0789
42		0834	0878	0922	0966	1010	1054	1098	1142	1187	1231
43		1275	1319	1363	1407	1451	1495	1540	1584	1628	1672
44		1716	1760	1804	1848	1893	1937	1981	2025	2069	2113
45		2157	2201	2245	2289	2334	2378	2422	2466	2510	2554
46		2598	2642	2687	2731	2775	2819	2863	2907	2951	2995
47		3039	3083	3128	3172	3216	3260	3304	3348	3392	3436
48		3480	3524	3569	3613	3657	3701	3745	3789	3833	3877
49		3921	3965	4010	4054	4098	4142	4186	4230	4274	4318
9850		4362	4406	4450	4495	4539	4583	4627	4671	4715	4759

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
9850	993 4362	4406	4450	4495	4539	4583	4627	4671	4715	4759	
51	4803	4847	4891	4935	4980	5024	5068	5112	5156	5200	
52	5244	5288	5332	5376	5420	5464	5509	5553	5597	5641	
53	5685	5729	5773	5817	5861	5905	5949	5993	6037	6082	
54	6126	6170	6214	6258	6302	6346	6390	6434	6478	6522	
55	6566	6610	6654	6698	6743	6787	6831	6875	6919	6963	
56	7007	7051	7095	7139	7183	7227	7271	7315	7359	7401	
57	7448	7492	7536	7580	7624	7668	7712	7756	7800	7844	
58	7888	7932	7976	8020	8064	8108	8152	8197	8241	8285	
59	8329	8373	8417	8461	8505	8549	8593	8637	8681	8725	
60	8769	8813	8857	8901	8945	8989	9033	9077	9122	9166	
9861	9210	9254	9298	9342	9386	9430	9474	9518	9562	9606	
62	9650	9694	9738	9782	9826	9870	9914	9958	0002	0046	
63	994 0090	0134	0178	0222	0266	0310	0355	0399	0443	0487	
64	0531	0575	0619	0663	0707	0751	0795	0839	0883	0927	
65	0971	1015	1059	1103	1147	1191	1235	1279	1323	1367	
66	1411	1455	1499	1543	1587	1631	1675	1719	1763	1807	
67	1851	1895	1939	1983	2027	2071	2115	2159	2203	2247	
68	2291	2335	2379	2423	2467	2511	2555	2599	2643	2687	
69	2731	2775	2820	2864	2908	2952	2996	3040	3084	3128	
70	3172	3216	3260	3304	3348	3392	3436	3480	3524	3568	
9871	3612	3656	3700	3744	3788	3831	3875	3919	3963	4007	44
72	4051	4095	4139	4183	4227	4271	4315	4359	4403	4447	1 4
73	4491	4535	4579	4623	4667	4711	4755	4799	4843	4887	2 9
74	4931	4975	5019	5063	5107	5151	5195	5239	5283	5327	3 13
75	5371	5415	5459	5503	5547	5591	5635	5679	5723	5767	4 18
76	5811	5855	5899	5943	5987	6031	6075	6119	6163	6207	5 22
77	6251	6295	6339	6383	6427	6471	6515	6559	6603	6647	6 26
78	6690	6734	6778	6822	6866	6910	6954	6998	7042	7086	7 31
79	7130	7174	7218	7262	7306	7350	7394	7438	7482	7526	8 35
80	7569	7613	7657	7701	7745	7789	7833	7877	7921	7965	9 40
9881	8009	8053	8097	8141	8185	8229	8273	8317	8361	8405	
82	8448	8492	8536	8580	8624	8668	8712	8756	8800	8844	
83	8888	8932	8976	9020	9064	9108	9152	9196	9239	9283	
84	9327	9371	9415	9459	9503	9547	9591	9635	9679	9723	
85	9767	9811	9855	9899	9942	9986	0030	0074	0118	0162	
86	995 0206	0250	0294	0338	0382	0426	0470	0514	0557	0601	
87	0645	0689	0733	0777	0821	0865	0909	0953	0997	1041	
88	1085	1129	1172	1216	1260	1304	1348	1392	1436	1480	
89	1524	1568	1612	1656	1699	1743	1787	1831	1875	1919	
90	1963	2007	2051	2095	2139	2182	2226	2270	2314	2358	
9891	2402	2446	2490	2534	2578	2622	2666	2709	2753	2797	
92	2841	2885	2929	2973	3017	3061	3104	3148	3192	3236	
93	3280	3324	3368	3412	3456	3500	3543	3587	3631	3675	
94	3719	3763	3807	3851	3895	3939	3982	4026	4070	4114	
95	4158	4202	4246	4290	4334	4377	4421	4465	4509	4553	
96	4597	4641	4685	4729	4772	4816	4860	4904	4948	4992	
97	5036	5080	5123	5167	5211	5255	5299	5343	5387	5431	
98	5474	5518	5562	5606	5650	5694	5738	5782	5825	5869	
99	5913	5957	6001	6045	6089	6133	6176	6220	6264	6308	
9900	6352	6396	6440	6484	6527	6571	6615	6659	6703	6747	

No.	0	1	2	3	4	5	6	7	8	9	Diff.
9900	995	6352	6396	6440	6484	6527	6571	6615	6659	6703	6747
01		6791	6834	6878	6922	6966	7010	7054	7098	7142	7185
02		7229	7273	7317	7361	7405	7449	7492	7536	7580	7624
03		7668	7712	7755	7799	7843	7887	7931	7975	8019	8062
04		8106	8150	8194	8238	8282	8326	8369	8413	8457	8501
05		8545	8589	8633	8676	8720	8764	8808	8852	8896	8939
06		8983	9027	9071	9115	9159	9202	9246	9290	9334	9378
07		9422	9465	9509	9553	9597	9641	9685	9728	9772	9816
08		9860	9904	9948	9991	0035	0079	0123	0167	0211	0254
09	996	0298	0342	0386	0430	0474	0517	0561	0605	0649	0693
10		0737	0780	0824	0868	0912	0956	0999	1043	1087	1131
9911		1175	1219	1263	1308	1350	1394	1438	1481	1525	1569
12		1613	1657	1701	1744	1788	1832	1876	1920	1963	2007
13		2051	2095	2139	2182	2226	2270	2314	2358	2402	2445
14		2489	2533	2577	2621	2664	2708	2752	2796	2840	2883
15		2927	2971	3015	3059	3102	3146	3190	3234	3278	3321
16		3365	3409	3453	3497	3540	3584	3628	3672	3716	3759
17		3803	3847	3891	3935	3978	4022	4066	4110	4153	4197
18		4241	4285	4329	4372	4416	4460	4504	4548	4591	4635
19		4679	4723	4766	4810	4854	4898	4942	4985	5029	5073
20		5117	5161	5204	5248	5292	5336	5379	5423	5467	5511
9921		5554	5598	5642	5686	5730	5773	5817	5861	5905	5948
22		5992	6036	6080	6124	6167	6211	6255	6299	6342	6386
23		6430	6474	6517	6561	6605	6649	6693	6736	6780	6824
24		6868	6911	6955	6999	7043	7086	7130	7174	7218	7261
25		7305	7349	7393	7436	7480	7524	7568	7611	7655	7699
26		7743	7786	7830	7874	7916	7961	8005	8049	8093	8136
27		8180	8224	8268	8311	8355	8399	8443	8486	8530	8574
28		8618	8661	8705	8749	8793	8836	8880	8924	8968	9011
29		9055	9099	9143	9186	9230	9274	9318	9361	9405	9449
30		9492	9536	9580	9624	9667	9711	9755	9799	9842	9886
9931		9930	9974	0017	0061	0105	0148	0192	0236	0280	0323
32	997	0367	0411	0455	0499	0542	0586	0629	0673	0717	0761
33		0804	0848	0892	0936	0979	1023	1067	1110	1154	1198
34		1242	1285	1329	1373	1416	1460	1504	1548	1591	1635
35		1679	1722	1766	1810	1854	1897	1941	1985	2028	2072
36		2116	2160	2203	2247	2291	2334	2378	2422	2465	2509
37		2553	2597	2640	2684	2728	2771	2815	2859	2903	2946
38		2990	3034	3077	3121	3165	3208	3252	3296	3340	3383
39		3427	3471	3514	3558	3602	3645	3689	3733	3776	3820
40		3864	3908	3951	3995	4039	4082	4126	4170	4213	4257
9941		4301	4344	4388	4432	4475	4519	4563	4607	4650	4694
42		4738	4781	4825	4869	4912	4956	5000	5043	5087	5131
43		5174	5218	5262	5305	5349	5393	5436	5480	5524	5567
44		5611	5655	5699	5742	5786	5830	5873	5917	5961	6004
45		6048	6092	6135	6179	6223	6266	6310	6354	6397	6441
46		6485	6528	6572	6616	6659	6703	6747	6790	6834	6878
47		6921	6965	7009	7052	7096	7139	7183	7227	7270	7314
48		7358	7401	7445	7489	7532	7576	7620	7663	7707	7751
49		7794	7838	7882	7925	7969	8013	8056	8100	8144	8187
9950		8231	8274	8318	8362	8405	8449	8493	8536	8580	8624

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No.	0	1	2	3	4	5	6	7	8	9	Diff.
9950	997 8231	8274	8318	8362	8405	8449	8493	8536	8580	8624	
51	8667	8711	8755	8798	8842	8885	8929	8973	9016	9060	
52	9104	9147	9191	9235	9278	9322	9365	9409	9453	9496	
53	9540	9584	9627	9671	9715	9758	9802	9845	9889	9933	
54	9976	0020	0064	0107	0151	0195	0238	0282	0325	0369	
55	998 0413	0456	0500	0544	0587	0631	0674	0718	0762	0805	
56	0849	0893	0936	0980	1023	1067	1111	1154	1198	1241	
57	1285	1329	1372	1416	1460	1503	1547	1590	1634	1678	
58	1721	1765	1808	1852	1896	1939	1983	2026	2070	2114	
59	2157	2201	2245	2288	2332	2375	2419	2463	2506	2550	
60	2593	2637	2681	2724	2768	2811	2855	2899	2942	2986	
9961	3029	3073	3117	3160	3204	3247	3291	3335	3378	3422	
62	3465	3509	3553	3596	3640	3683	3727	3771	3814	3858	
63	3901	3945	3988	4032	4076	4119	4163	4206	4250	4294	
64	4337	4381	4424	4468	4512	4555	4599	4642	4686	4729	
65	4773	4817	4860	4904	4947	4991	5035	5078	5122	5165	
66	5209	5252	5296	5340	5383	5427	5470	5514	5557	5601	
67	5645	5688	5732	5775	5819	5862	5906	5950	5993	6037	
68	6080	6124	6167	6211	6255	6298	6342	6385	6429	6472	
69	6516	6560	6603	6647	6690	6734	6777	6821	6864	6908	
70	6952	6995	7039	7082	7126	7169	7213	7256	7300	7344	
9971	7387	7431	7474	7518	7561	7605	7648	7692	7736	7779	43
72	7823	7866	7910	7953	7997	8040	8084	8128	8171	8215	1
73	8258	8302	8345	8389	8432	8476	8519	8563	8607	8650	2
74	8694	8737	8781	8824	8868	8911	8955	8998	9042	9086	3
75	9129	9173	9216	9260	9303	9347	9390	9434	9477	9521	4
76	9564	9608	9651	9695	9739	9782	9826	9869	9913	9956	5
77	999 0000	0043	0087	0130	0174	0217	0261	0304	0348	0391	6
78	0435	0479	0522	0566	0609	0653	0696	0740	0783	0827	7
79	0870	0914	0957	1001	1044	1088	1131	1175	1218	1262	8
80	1305	1349	1392	1436	1479	1523	1567	1610	1654	1697	9
9981	1741	1784	1828	1871	1915	1958	2002	2045	2089	2132	
82	2176	2219	2263	2306	2350	2393	2437	2480	2524	2567	
83	2611	2654	2698	2741	2785	2828	2872	2915	2959	3002	
84	3046	3089	3133	3176	3220	3263	3307	3350	3394	3437	
85	3481	3524	3568	3611	3655	3698	3742	3785	3829	3872	
86	3916	3959	4003	4046	4090	4133	4177	4220	4264	4307	
87	4350	4394	4437	4481	4524	4568	4611	4655	4698	4742	
88	4785	4829	4872	4916	4959	5003	5046	5090	5133	5177	
89	5220	5264	5307	5351	5394	5438	5481	5524	5568	5611	
90	5655	5698	5742	5785	5829	5872	5916	5959	6003	6046	
9991	6090	6133	6177	6220	6263	6307	6350	6394	6437	6481	
92	6524	6568	6611	6655	6698	6742	6785	6828	6872	6915	
93	6959	7002	7046	7089	7133	7176	7220	7263	7307	7350	
94	7393	7437	7480	7524	7567	7611	7654	7698	7741	7785	
95	7828	7871	7915	7958	8002	8045	8089	8132	8176	8219	
96	8262	8306	8349	8393	8436	8480	8523	8567	8610	8653	
97	8697	8740	8784	8827	8871	8914	8958	9001	9044	9088	
98	9131	9175	9218	9262	9305	9349	9392	9435	9479	9522	
99	9566	9609	9653	9696	9739	9783	9826	9870	9913	9957	
10000	0000 0000	0434	0869	1303	1737	2171	2606	3040	3474	3908	

REDUCTION OF COMMON TO NAPIERIAN LOGARITHMS.

Com. Log.	Naperian Log.	Com. Log.	Naperian Log.	Com. Log.	Naperian Log.	Com. Log.	Naperian Log.
1	2.30258509	20	89.5672148	81	117.43183074	76	174.90046707
2	4.60517019	27	62.16379751	82	119.73442484	77	177.29966216
3	6.90775523	28	64.47235760	83	122.03700092	78	179.6983722
4	9.21034037	29	66.77496770	84	124.33958602	79	181.90422225
5	11.51292546	30	69.07755279	85	126.64218011	80	184.20630744
6	13.81551056	61	71.38013758	86	128.94476521	81	186.50939253
7	16.11809565	62	73.68272268	87	131.24735030	82	188.8119776
8	18.42068074	63	75.98530667	88	133.54993539	83	191.11456272
9	20.72326584	64	78.28788318	89	135.85252049	84	193.41714781
10	23.02585093	65	80.59047825	90	138.15510558	85	195.71973290
11	25.32843602	66	82.89306335	91	140.45769067	86	198.02231800
12	27.63102112	67	85.19564844	92	142.76027577	87	200.32490306
13	29.93360621	68	87.49823353	93	145.06286086	88	202.62748812
14	32.23619130	69	89.80081863	94	147.36544595	89	204.93007322
15	34.53877639	70	92.10340372	95	149.66803104	90	207.23265837
16	36.84136149	41	94.40598881	96	151.97061614	91	209.53524346
17	39.14394658	42	96.70857391	97	154.27320123	92	211.83782856
18	41.44653167	43	99.01115900	98	156.57578632	93	214.14041365
19	43.74911677	44	101.31374409	99	158.87837142	94	216.44299874
20	46.05170186	45	103.61632918	70	161.18095651	95	218.74558383
21	48.35428695	46	105.91891428	71	163.48354160	96	221.04816893
22	50.65687205	47	108.22149937	72	165.78612670	97	223.35075402
23	52.95945714	48	110.52408446	73	168.08871179	98	225.65333911
24	55.26204223	49	112.82666956	74	170.39129688	99	227.95592421
25	57.56462732	50	115.12925465	75	172.69388197	100	230.25850930

REDUCTION OF NAPIERIAN TO COMMON LOGARITHMS.

Nap. Log.	Common Log.	Nap. Log.	Common Log.	Nap. Log.	Common Log.	Nap. Log.	Common Log.
1	0.43429448	26	11.79165033	81	22.74001858	76	23.00028062
2	0.86858896	27	11.72206101	82	22.88337106	77	23.44067511
3	1.30288344	28	12.16092549	83	23.01706754	78	23.87490969
4	1.73717792	29	12.59453096	84	23.45190202	79	24.30959407
5	2.17147241	30	13.02853448	85	23.88619650	80	24.74358855
6	2.60576689	31	13.46312794	86	24.32049099	81	25.17783303
7	3.04006137	32	13.89772142	87	24.75478547	82	25.61214752
8	3.47435586	33	14.33171700	88	25.18907996	83	26.04644200
9	3.90865034	34	14.76601258	89	25.62337443	84	26.48073648
10	4.34294482	35	15.20030807	90	26.05766891	85	26.91503096
11	4.77723930	36	15.63460355	91	26.49196340	86	27.34932544
12	5.21153378	37	16.06889903	92	26.92625788	87	27.78361993
13	5.64582826	38	16.50319451	93	27.36055236	88	28.21791441
14	6.08012275	39	16.93748999	94	27.79484684	89	28.65220889
15	6.51441723	40	17.37177928	95	28.22914132	90	29.08650337
16	6.94871171	41	17.80607376	96	28.66343581	91	29.52079785
17	7.38300619	42	18.24036824	97	29.09773029	92	29.95509234
18	7.81730067	43	18.67466272	98	29.53192477	93	30.38938682
19	8.25159515	44	19.10895720	99	29.96611925	94	40.82368130
20	8.68588964	45	19.54325167	70	30.40031373	95	41.25797576
21	9.12018412	46	19.97754615	71	30.83450821	96	41.69227024
22	9.55447860	47	20.41184063	72	31.26870270	97	42.12656474
23	9.98877308	48	20.84613511	73	31.70289718	98	42.56085922
24	10.42306757	49	21.28042959	74	32.13709166	99	42.99515371
25	10.85736206	50	21.71472407	75	32.57128614	100	43.42944819

LOGARITHMIC SINES, TANGENTS, AND SECANTS.

0 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	In. Neg.	Infin.	Infinite	In. Neg.	Infin.	Infinite	10.0000000	0	10.0000000	60
1	6 464781	3010000	13 5362739	6 4637261	3010001	13 5362739	10.0000000	1	10.0000000	59
2	6 7617561	1760912	13 2352439	6 7617562	1760913	13 2352439	10.0000001	2	10.0000000	58
3	6 948473	1249387	13 0718627	6 9484735	1249388	13 0718627	10.0000002	3	10.0000000	57
4	7 065780	969100	12 9312140	7 0657803	969101	12 9312137	10.0000003	4	10.0000000	56
5	7 1626060	791511	12 8373040	7 1626064	791512	12 8373036	10.0000005	5	10.0000000	55
6	7 2418771	669163	12 7681223	7 2418778	669170	12 7681222	10.0000007	6	10.0000000	54
7	7 3082232	575918	12 6911701	7 3082248	575921	12 6911702	10.0000009	7	10.0000000	53
8	7 3681677	511521	12 631843	7 3681693	511527	12 6318431	10.0000012	8	10.0000000	52
9	7 4170651	467674	12 5850319	7 4170668	467677	12 5850304	10.0000015	9	10.0000000	51
10	7 4637256	413928	12 5562746	7 4637273	413930	12 5562727	10.0000018	10	10.0000000	50
11	7 5081191	377834	12 4945819	7 5081203	377838	12 4945807	10.0000022	1	10.0000000	49
12	7 5512043	347619	12 4570715	7 5512061	347624	12 4570709	10.0000026	2	10.0000000	48
13	7 5927684	321851	12 4223310	7 5927691	321851	12 4223285	10.0000031	3	10.0000000	47
14	7 6331570	296820	12 3901470	7 6331583	296825	12 3901434	10.0000036	4	10.0000000	46
15	7 6728160	280255	12 3601840	7 6728161	280259	12 3601709	10.0000041	5	10.0000000	45
16	7 7118445	263258	12 3321555	7 7118452	263264	12 3321503	10.0000047	6	10.0000000	44
17	7 7502173	245823	12 3052267	7 7502176	245820	12 3052114	10.0000053	7	10.0000000	43
18	7 7879996	228109	12 2810034	7 7879996	228110	12 2809974	10.0000060	8	10.0000000	42
19	7 8252775	212702	12 2577225	7 8252775	212703	12 2576169	10.0000066	9	10.0000000	41
20	7 8620737	211890	12 2352463	7 8620710	211898	12 2352200	10.0000073	10	10.0000000	40
21	7 8983927	202031	12 2140573	7 8983908	202039	12 2140402	10.0000081	1	10.0000000	39
22	7 9341478	190490	12 1935512	7 9341461	190507	12 1935351	10.0000089	2	10.0000000	38
23	7 9694507	184331	12 1743493	7 9694504	184340	12 1743336	10.0000097	3	10.0000000	37
24	7 9943938	177253	12 1560662	7 9943944	177264	12 1560506	10.0000106	4	10.0000000	36
25	7 9816923	170330	12 1385377	7 9816938	170339	12 1385202	10.0000115	5	10.0000000	35
26	7 9780993	163901	12 1212367	7 9780977	163911	12 1212293	10.0000124	6	10.0000000	34
27	7 9735054	157930	12 1049148	7 9735098	157890	12 1049012	10.0000131	7	10.0000000	33
28	7 9680134	152397	12 0891207	7 9680133	152406	12 0891062	10.0000144	8	10.0000000	32
29	7 9616100	147200	12 0738810	7 9616114	147240	12 0738156	10.0000155	9	10.0000000	31
30	7 9543819	142250	12 0591691	7 9543834	142112	12 0591416	10.0000165	10	10.0000000	30
31	7 9463610	137870	12 0440181	7 9463636	137890	12 0440004	10.0000177	1	10.0000000	29
32	7 9375693	133616	12 0313302	7 9375688	133643	12 0313114	10.0000183	2	10.0000000	28
33	7 9280234	129510	12 0177666	7 9280234	129538	12 0177468	10.0000200	3	10.0000000	27
34	7 9177980	125557	12 0044020	7 9177982	129500	12 0044708	10.0000212	4	10.0000000	26
35	7 9068767	122340	11 9922133	8 0078092	123353	11 9921803	10.0000225	5	10.0000000	25
36	8 0000207	119988	11 9799793	8 0000416	119601	11 9799355	10.0000238	6	10.0000000	24
37	8 0019195	118114	11 9680635	8 0019146	118238	11 9680574	10.0000252	7	10.0000000	23
38	8 0035099	116351	11 9561991	8 0035274	118220	11 9561726	10.0000265	8	10.0000000	22
39	8 0048114	114742	11 9452180	8 0048294	117963	11 9451906	10.0000270	9	10.0000000	21
40	8 0058770	107234	11 9342257	8 0058977	107240	11 9341943	10.0000284	10	10.0000000	20
41	8 0067197	101649	11 9231503	8 0067300	104664	11 9231604	10.0000300	1	10.0000000	19
42	8 0073916	102180	11 9119354	8 0073970	102262	11 9119050	10.0000324	2	10.0000000	18
43	8 0079132	99337	11 9002168	8 0079172	99353	11 9002783	10.0000340	3	10.0000000	17
44	8 0082169	97993	11 8883831	8 0082205	97609	11 8882793	10.0000358	4	10.0000000	16
45	8 0084262	95143	11 8763073	8 0084304	94665	11 8830366	10.0000372	5	10.0000000	15
46	8 0085410	93394	11 8732290	8 0085699	93411	11 8732401	10.0000389	6	10.0000000	14
47	8 0085714	91438	11 8691156	8 0085810	91446	11 8691490	10.0000400	7	10.0000000	13
48	8 0085232	89543	11 8650068	8 0085496	89560	11 8650044	10.0000413	8	10.0000000	12
49	8 0084975	87793	11 8609015	8 0085156	87751	11 8609184	10.0000411	9	10.0000000	11
50	8 0084868	86298	11 8567912	8 0085267	86016	11 8567273	10.0000459	10	10.0000000	10
51	8 0084804	84825	11 8526710	8 0085382	84344	11 8526718	10.0000478	1	10.0000000	9
52	8 0084772	83379	11 8485571	8 0085506	83738	11 8485274	10.0000497	2	10.0000000	8
53	8 0084768	81972	11 8444415	8 0085634	83192	11 8444936	10.0000516	3	10.0000000	7
54	8 0084780	80593	11 8403230	8 0085766	82603	11 8403444	10.0000536	4	10.0000000	6
55	8 0084803	79216	11 8362027	8 0085902	82067	11 8362741	10.0000556	5	10.0000000	5
56	8 0084840	77862	11 8320801	8 0086036	81544	11 8320474	10.0000576	6	10.0000000	4
57	8 0084881	76521	11 8279551	8 0086168	81033	11 8279792	10.0000597	7	10.0000000	3
58	8 0084925	75193	11 8238275	8 0086299	80533	11 8238507	10.0000618	8	10.0000000	2
59	8 0084972	73875	11 8197042	8 0086429	80037	11 8197302	10.0000640	9	10.0000000	1
60	8 0085023	72565	11 8155847	8 0086558	79547	11 8155875	10.0000662	10	10.0000000	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Co-sec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	8 2418553		11 7591447	8 2419218	71500	11 7580785	10 0000003			
1	8 2420332	71779	11 7590663	8 2419104	7064	11 7580785	10 0000004	23	9 9999733	60
2	8 2422094	70811	11 7589878	8 2418990	6974	11 7580785	10 0000005	22	9 9999731	59
3	8 2423844	69831	11 7589093	8 2418876	6884	11 7580785	10 0000006	21	9 9999729	58
4	8 2425581	68851	11 7588308	8 2418762	6794	11 7580785	10 0000007	20	9 9999727	57
5	8 2427313	67871	11 7587523	8 2418648	6704	11 7580785	10 0000008	19	9 9999725	56
6	8 2429044	66891	11 7586738	8 2418534	6614	11 7580785	10 0000009	18	9 9999723	55
7	8 2430776	65911	11 7585953	8 2418420	6524	11 7580785	10 0000010	17	9 9999721	54
8	8 2432507	64931	11 7585168	8 2418306	6434	11 7580785	10 0000011	16	9 9999719	53
9	8 2434238	63951	11 7584383	8 2418192	6344	11 7580785	10 0000012	15	9 9999717	52
10	8 2435969	62971	11 7583598	8 2418078	6254	11 7580785	10 0000013	14	9 9999715	51
11	8 2437700	61991	11 7582813	8 2417964	6164	11 7580785	10 0000014	13	9 9999713	50
12	8 2439431	61011	11 7582028	8 2417850	6074	11 7580785	10 0000015	12	9 9999711	49
13	8 2441162	60031	11 7581243	8 2417736	5984	11 7580785	10 0000016	11	9 9999709	48
14	8 2442893	59051	11 7580458	8 2417622	5894	11 7580785	10 0000017	10	9 9999707	47
15	8 2444624	58071	11 7579673	8 2417508	5804	11 7580785	10 0000018	9	9 9999705	46
16	8 2446355	57091	11 7578888	8 2417394	5714	11 7580785	10 0000019	8	9 9999703	45
17	8 2448086	56111	11 7578103	8 2417280	5624	11 7580785	10 0000020	7	9 9999701	44
18	8 2449817	55131	11 7577318	8 2417166	5534	11 7580785	10 0000021	6	9 9999699	43
19	8 2451548	54151	11 7576533	8 2417052	5444	11 7580785	10 0000022	5	9 9999697	42
20	8 2453279	53171	11 7575748	8 2416938	5354	11 7580785	10 0000023	4	9 9999695	41
21	8 2455010	52191	11 7574963	8 2416824	5264	11 7580785	10 0000024	3	9 9999693	40
22	8 2456741	51211	11 7574178	8 2416710	5174	11 7580785	10 0000025	2	9 9999691	39
23	8 2458472	50231	11 7573393	8 2416596	5084	11 7580785	10 0000026	1	9 9999689	38
24	8 2460203	49251	11 7572608	8 2416482	4994	11 7580785	10 0000027	0	9 9999687	37
25	8 2461934	48271	11 7571823	8 2416368	4904	11 7580785	10 0000028		9 9999685	36
26	8 2463665	47291	11 7571038	8 2416254	4814	11 7580785	10 0000029		9 9999683	35
27	8 2465396	46311	11 7570253	8 2416140	4724	11 7580785	10 0000030		9 9999681	34
28	8 2467127	45331	11 7569468	8 2416026	4634	11 7580785	10 0000031		9 9999679	33
29	8 2468858	44351	11 7568683	8 2415912	4544	11 7580785	10 0000032		9 9999677	32
30	8 2470589	43371	11 7567898	8 2415798	4454	11 7580785	10 0000033		9 9999675	31
31	8 2472320	42391	11 7567113	8 2415684	4364	11 7580785	10 0000034		9 9999673	30
32	8 2474051	41411	11 7566328	8 2415570	4274	11 7580785	10 0000035		9 9999671	29
33	8 2475782	40431	11 7565543	8 2415456	4184	11 7580785	10 0000036		9 9999669	28
34	8 2477513	39451	11 7564758	8 2415342	4094	11 7580785	10 0000037		9 9999667	27
35	8 2479244	38471	11 7563973	8 2415228	4004	11 7580785	10 0000038		9 9999665	26
36	8 2480975	37491	11 7563188	8 2415114	3914	11 7580785	10 0000039		9 9999663	25
37	8 2482706	36511	11 7562403	8 2415000	3824	11 7580785	10 0000040		9 9999661	24
38	8 2484437	35531	11 7561618	8 2414886	3734	11 7580785	10 0000041		9 9999659	23
39	8 2486168	34551	11 7560833	8 2414772	3644	11 7580785	10 0000042		9 9999657	22
40	8 2487899	33571	11 7560048	8 2414658	3554	11 7580785	10 0000043		9 9999655	21
41	8 2489630	32591	11 7559263	8 2414544	3464	11 7580785	10 0000044		9 9999653	20
42	8 2491361	31611	11 7558478	8 2414430	3374	11 7580785	10 0000045		9 9999651	19
43	8 2493092	30631	11 7557693	8 2414316	3284	11 7580785	10 0000046		9 9999649	18
44	8 2494823	29651	11 7556908	8 2414202	3194	11 7580785	10 0000047		9 9999647	17
45	8 2496554	28671	11 7556123	8 2414088	3104	11 7580785	10 0000048		9 9999645	16
46	8 2498285	27691	11 7555338	8 2413974	3014	11 7580785	10 0000049		9 9999643	15
47	8 2500016	26711	11 7554553	8 2413860	2924	11 7580785	10 0000050		9 9999641	14
48	8 2501747	25731	11 7553768	8 2413746	2834	11 7580785	10 0000051		9 9999639	13
49	8 2503478	24751	11 7552983	8 2413632	2744	11 7580785	10 0000052		9 9999637	12
50	8 2505209	23771	11 7552198	8 2413518	2654	11 7580785	10 0000053		9 9999635	11
51	8 2506940	22791	11 7551413	8 2413404	2564	11 7580785	10 0000054		9 9999633	10
52	8 2508671	21811	11 7550628	8 2413290	2474	11 7580785	10 0000055		9 9999631	9
53	8 2510402	20831	11 7549843	8 2413176	2384	11 7580785	10 0000056		9 9999629	8
54	8 2512133	19851	11 7549058	8 2413062	2294	11 7580785	10 0000057		9 9999627	7
55	8 2513864	18871	11 7548273	8 2412948	2204	11 7580785	10 0000058		9 9999625	6
56	8 2515595	17891	11 7547488	8 2412834	2114	11 7580785	10 0000059		9 9999623	5
57	8 2517326	16911	11 7546703	8 2412720	2024	11 7580785	10 0000060		9 9999621	4
58	8 2519057	15931	11 7545918	8 2412606	1934	11 7580785	10 0000061		9 9999619	3
59	8 2520788	14951	11 7545133	8 2412492	1844	11 7580785	10 0000062		9 9999617	2
60	8 2522519	13971	11 7544348	8 2412378	1754	11 7580785	10 0000063		9 9999615	1
									9 9999613	0
Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Co-sec.	D.	Sine		

TANGENTS, AND SECANTS.

2 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	8-54-1822	30020	11-4571893	8-5430833	20071	11-4533162	10-0002640	45	9-9997354	60
1	8-54-4218	35730	11-4535782	8-5460809	35774	11-4533091	10-0002691	41	9-9997390	59
2	8-54-1918	35730	11-4509932	8-5502683	35483	11-4497317	10-0002735	47	9-9997265	58
3	8-54-3556	35160	11-4461614	8-5538166	35196	11-4461634	10-0002780	46	9-9997200	57
4	8-54-5958	34-68	11-4429464	8-5573362	34914	11-4429483	10-0002826	46	9-9997174	56
5	8-55-2404	34590	11-4394590	8-5608270	34636	11-4394724	10-0002872	46	9-9997128	55
6	8-55-4804	34316	11-4360000	8-5642912	34363	11-4357039	10-0002918	40	9-9997082	54
7	8-56-1210	34047	11-4325690	8-5677275	34093	11-4322725	10-0002964	47	9-9997036	53
8	8-56-3617	33782	11-4291613	8-5711368	33820	11-4289632	10-0003011	47	9-9996990	52
9	8-56-6023	33521	11-4257861	8-5745107	33569	11-4254503	10-0003058	48	9-9996942	51
10	8-56-8430	33263	11-4224340	8-5778766	33311	11-4221234	10-0003106	48	9-9996894	50
11	8-57-0832	33010	11-4191077	8-5812077	33059	11-4187923	10-0003154	48	9-9996846	49
12	8-57-3243	32761	11-4158067	8-5845156	32809	11-4164864	10-0003202	49	9-9996798	48
13	8-57-5654	32515	11-4125300	8-5877915	32561	11-4132035	10-0003251	49	9-9996750	47
14	8-58-2069	32271	11-4092791	8-5910509	32323	11-4099491	10-0003300	50	9-9996702	46
15	8-58-4482	32031	11-4060617	8-5943232	32085	11-4057163	10-0003350	49	9-9996654	45
16	8-59-0897	31790	11-4028483	8-5974917	31840	11-4025083	10-0003399	51	9-9996606	44
17	8-59-3317	31569	11-3996883	8-6006767	31619	11-3993233	10-0003450	50	9-9996558	43
18	8-59-5738	31340	11-3965114	8-6038356	31391	11-3961614	10-0003500	51	9-9996510	42
19	8-60-2159	31115	11-3933574	8-6069777	31166	11-3930223	10-0003551	51	9-9996462	41
20	8-60-4581	30894	11-3902050	8-6100943	30946	11-3899057	10-0003602	52	9-9996414	40
21	8-61-1003	30675	11-3871765	8-6131839	30727	11-3868111	10-0003654	52	9-9996366	39
22	8-61-3426	30450	11-3841090	8-6162610	30511	11-3837384	10-0003706	52	9-9996318	38
23	8-61-5850	30247	11-3810631	8-6193127	30300	11-3806873	10-0003758	53	9-9996270	37
24	8-62-2274	30037	11-3780384	8-6223427	30091	11-3776873	10-0003811	53	9-9996222	36
25	8-62-4703	29831	11-3750347	8-6253518	29884	11-3746462	10-0003864	54	9-9996174	35
26	8-63-1134	29627	11-3720510	8-6283402	29681	11-3716699	10-0003916	54	9-9996126	34
27	8-63-3561	29426	11-3690880	8-6313083	29480	11-3686917	10-0003972	54	9-9996078	33
28	8-63-5993	29227	11-3661614	8-6342563	29282	11-3657437	10-0004028	55	9-9996030	32
29	8-64-2426	29032	11-3632236	8-6371845	29086	11-3628155	10-0004081	54	9-9995982	31
30	8-64-4859	28838	11-3603304	8-6400931	28934	11-3599009	10-0004135	56	9-9995934	30
31	8-65-1294	28648	11-3574860	8-6429825	28703	11-3570175	10-0004181	56	9-9995886	29
32	8-65-3726	28460	11-3545718	8-6458529	28516	11-3541472	10-0004247	56	9-9995838	28
33	8-65-6159	28274	11-3516258	8-6487044	28331	11-3512950	10-0004303	56	9-9995790	27
34	8-65-8592	28091	11-3486594	8-6515375	28147	11-3484625	10-0004359	57	9-9995742	26
35	8-66-1037	27910	11-3456893	8-6543522	27963	11-3456478	10-0004410	57	9-9995694	25
36	8-66-3470	27731	11-3427283	8-6571490	27789	11-3428510	10-0004473	58	9-9995646	24
37	8-66-5903	27555	11-3397852	8-6599291	27612	11-3399071	10-0004531	58	9-9995598	23
38	8-67-2336	27381	11-3368607	8-6626920	27440	11-3370310	10-0004583	58	9-9995550	22
39	8-67-4769	27209	11-3339316	8-6654331	27267	11-3341669	10-0004647	58	9-9995502	21
40	8-67-7202	27039	11-3310270	8-6681593	27099	11-3313042	10-0004705	59	9-9995454	20
41	8-67-9635	26872	11-3281403	8-6708697	26931	11-3284303	10-0004764	60	9-9995406	19
42	8-68-2068	26709	11-3252699	8-6735628	26765	11-3255572	10-0004824	60	9-9995358	18
43	8-68-4501	26542	11-3224190	8-6762393	26603	11-3226807	10-0004884	60	9-9995310	17
44	8-68-6934	26374	11-3195848	8-6788993	26441	11-3211004	10-0004944	60	9-9995262	16
45	8-68-9367	26211	11-3167507	8-6816437	26282	11-3184503	10-0005004	61	9-9995214	15
46	8-69-1800	26044	11-3139282	8-6843710	26125	11-3156281	10-0005065	61	9-9995166	14
47	8-69-4233	25877	11-3111187	8-6870844	25969	11-3128156	10-0005126	62	9-9995118	13
48	8-69-6666	25714	11-3083213	8-6897813	25816	11-3100157	10-0005188	62	9-9995070	12
49	8-69-9099	25551	11-3055361	8-6924629	25663	11-3072371	10-0005250	62	9-9995022	11
50	8-70-1532	25391	11-3027600	8-6951292	25514	11-3044703	10-0005312	63	9-9994974	10
51	8-70-3965	25233	11-3000000	8-6977806	25366	11-3022104	10-0005375	63	9-9994926	9
52	8-70-6398	25076	11-2972569	8-6999612	25218	11-3000383	10-0005438	64	9-9994878	8
53	8-70-8831	24920	11-2945311	8-7021330	25076	11-2978610	10-0005502	63	9-9994830	7
54	8-71-1264	24767	11-2918191	8-7043053	24930	11-2956835	10-0005565	65	9-9994782	6
55	8-71-3697	24614	11-2891234	8-7064785	24789	11-2935065	10-0005630	64	9-9994734	5
56	8-71-6130	24465	11-2864360	8-7086518	24649	11-2913285	10-0005694	65	9-9994686	4
57	8-71-8563	24315	11-2837525	8-7108254	24511	11-2891505	10-0005759	65	9-9994638	3
58	8-72-1000	24169	11-2810769	8-7129985	24374	11-2869725	10-0005824	66	9-9994590	2
59	8-72-3433	24023	11-2784011	8-7151719	24239	11-2847945	10-0005890	66	9-9994542	1
60	8-72-5866	23878	11-2757269	8-7173458	24100	11-2826165	10-0005956	66	9-9994494	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Diff	Cosec.	Tang.	Diff	Cotang.	Secant	D	Cosine	
0	8 7158002	14038	11 2811008	8 7158008	24105	11 2806042	10 0006716			
1	8 7212040	23006	11 2757960	8 7212053	23972	11 2751037	10 0006722	56	9 9974044	60
2	8 7265946	23776	11 2704904	8 7265959	23842	11 2704905	10 0006728	57	9 9973978	59
3	8 7319721	23546	11 2651848	8 7319734	23712	11 2651849	10 0006734	58	9 9973911	58
4	8 7373456	23316	11 2598792	8 7373469	23582	11 2598793	10 0006740	59	9 9973844	57
5	8 7427181	23086	11 2545736	8 7427194	23452	11 2545737	10 0006746	60	9 9973778	56
6	8 7480906	22856	11 2492680	8 7480919	23322	11 2492681	10 0006752	61	9 9973711	55
7	8 7534631	22626	11 2439624	8 7534644	23192	11 2439625	10 0006758	62	9 9973644	54
8	8 7588356	22396	11 2386568	8 7588369	23062	11 2386569	10 0006764	63	9 9973578	53
9	8 7642081	22166	11 2333512	8 7642094	22932	11 2333513	10 0006770	64	9 9973511	52
10	8 7695806	21936	11 2280456	8 7695819	22802	11 2280457	10 0006776	65	9 9973444	51
11	8 7749531	21706	11 2227400	8 7749544	22672	11 2227401	10 0006782	66	9 9973378	50
12	8 7803256	21476	11 2174344	8 7803269	22542	11 2174345	10 0006788	67	9 9973311	49
13	8 7856981	21246	11 2121288	8 7856994	22412	11 2121289	10 0006794	68	9 9973244	48
14	8 7910706	21016	11 2068232	8 7910719	22282	11 2068233	10 0006800	69	9 9973178	47
15	8 7964431	20786	11 2015176	8 7964444	22152	11 2015177	10 0006806	70	9 9973111	46
16	8 8018156	20556	11 1962120	8 8018169	22022	11 1962121	10 0006812	71	9 9973044	45
17	8 8071881	20326	11 1909064	8 8071894	21892	11 1909065	10 0006818	72	9 9972978	44
18	8 8125606	20096	11 1856008	8 8125619	21762	11 1856009	10 0006824	73	9 9972911	43
19	8 8179331	19866	11 1802952	8 8179344	21632	11 1802953	10 0006830	74	9 9972844	42
20	8 8233056	19636	11 1749896	8 8233069	21502	11 1749897	10 0006836	75	9 9972778	41
21	8 8286781	19406	11 1696840	8 8286794	21372	11 1696841	10 0006842	76	9 9972711	40
22	8 8340506	19176	11 1643784	8 8340519	21242	11 1643785	10 0006848	77	9 9972644	39
23	8 8394231	18946	11 1590728	8 8394244	21112	11 1590729	10 0006854	78	9 9972578	38
24	8 8447956	18716	11 1537672	8 8447969	20982	11 1537673	10 0006860	79	9 9972511	37
25	8 8501681	18486	11 1484616	8 8501694	20852	11 1484617	10 0006866	80	9 9972444	36
26	8 8555406	18256	11 1431560	8 8555419	20722	11 1431561	10 0006872	81	9 9972378	35
27	8 8609131	18026	11 1378504	8 8609144	20592	11 1378505	10 0006878	82	9 9972311	34
28	8 8662856	17796	11 1325448	8 8662869	20462	11 1325449	10 0006884	83	9 9972244	33
29	8 8716581	17566	11 1272392	8 8716594	20332	11 1272393	10 0006890	84	9 9972178	32
30	8 8770306	17336	11 1219336	8 8770319	20202	11 1219337	10 0006896	85	9 9972111	31
31	8 8824031	17106	11 1166280	8 8824044	20072	11 1166281	10 0006902	86	9 9972044	30
32	8 8877756	16876	11 1113224	8 8877769	19942	11 1113225	10 0006908	87	9 9971978	29
33	8 8931481	16646	11 1060168	8 8931494	19812	11 1060169	10 0006914	88	9 9971911	28
34	8 8985206	16416	11 1007112	8 8985219	19682	11 1007113	10 0006920	89	9 9971844	27
35	8 9038931	16186	11 9560056	8 9038944	19552	11 9560057	10 0006926	90	9 9971778	26
36	8 9092656	15956	11 9008000	8 9092669	19422	11 9008001	10 0006932	91	9 9971711	25
37	8 9146381	15726	11 8455944	8 9146394	19292	11 8455945	10 0006938	92	9 9971644	24
38	8 9199106	15496	11 7903888	8 9199119	19162	11 7903889	10 0006944	93	9 9971578	23
39	8 9252831	15266	11 7351832	8 9252844	19032	11 7351833	10 0006950	94	9 9971511	22
40	8 9306556	15036	11 6799776	8 9306569	18902	11 6799777	10 0006956	95	9 9971444	21
41	8 9360281	14806	11 6247720	8 9360294	18772	11 6247721	10 0006962	96	9 9971378	20
42	8 9414006	14576	11 5695664	8 9414019	18642	11 5695665	10 0006968	97	9 9971311	19
43	8 9467731	14346	11 5143608	8 9467744	18512	11 5143609	10 0006974	98	9 9971244	18
44	8 9521456	14116	11 4591552	8 9521469	18382	11 4591553	10 0006980	99	9 9971178	17
45	8 9575181	13886	11 4039496	8 9575194	18252	11 4039497	10 0006986	00	9 9971111	16
46	8 9628906	13656	11 3487440	8 9628919	18122	11 3487441	10 0006992	01	9 9971044	15
47	8 9682631	13426	11 2935384	8 9682644	17992	11 2935385	10 0006998	02	9 9970978	14
48	8 9736356	13196	11 2383328	8 9736369	17862	11 2383329	10 0007004	03	9 9970911	13
49	8 9790081	12966	11 1831272	8 9790094	17732	11 1831273	10 0007010	04	9 9970844	12
50	8 9843806	12736	11 1279216	8 9843819	17602	11 1279217	10 0007016	05	9 9970778	11
51	8 9897531	12506	11 0727160	8 9897544	17472	11 0727161	10 0007022	06	9 9970711	10
52	8 9951256	12276	11 0175104	8 9951269	17342	11 0175105	10 0007028	07	9 9970644	9
53	9 0004981	12046	11 0123048	9 0004994	17212	11 0123049	10 0007034	08	9 9970578	8
54	9 0058706	11816	11 0070992	9 0058719	17082	11 0070993	10 0007040	09	9 9970511	7
55	9 0112431	11586	11 0018936	9 0112444	16952	11 0018937	10 0007046	10	9 9970444	6
56	9 0166156	11356	11 0006880	9 0166169	16822	11 0006881	10 0007052	11	9 9970378	5
57	9 0219881	11126	11 0004824	9 0219894	16692	11 0004825	10 0007058	12	9 9970311	4
58	9 0273606	10896	11 0002768	9 0273619	16562	11 0002769	10 0007064	13	9 9970244	3
59	9 0327331	10666	11 0000712	9 0327344	16432	11 0000713	10 0007070	14	9 9970178	2
60	9 0381056	10436	11 0000000	9 0381069	16302	11 0000001	10 0007076	15	9 9970111	1

Cosine Diff.

Secant

Cotang.

Diff.

Tang.

Cosec.

D.

Sine

TANGENTS, AND SECANTS.

4 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	8-8435345	18929	11-1564155	8-8416437	18117	11-1553563	10-0010592	89	0-9990403	60
1	8-8438374	17953	11-1561226	8-8419454	18043	11-1553546	10-0010631	89	0-9990310	59
2	8-8441367	17880	11-1558173	8-8422457	17969	11-1551703	10-0010770	89	0-9990220	58
3	8-8444307	17806	11-1555023	8-8425456	17895	11-1499434	10-0010830	89	0-9990141	57
4	8-8447192	17733	11-1492483	8-8428461	17822	11-1491530	10-0010948	89	0-9990052	56
5	8-8450125	17660	11-1477465	8-8431463	17751	11-1483717	10-0011038	91	0-9989962	55
6	8-8453005	17588	11-1472025	8-8434403	17679	11-1475906	10-0011129	91	0-9989871	54
7	8-8455931	17517	11-1459507	8-8437413	17609	11-1472827	10-0011220	91	0-9989780	53
8	8-8458801	17447	11-1447190	8-8440321	17538	11-1460679	10-0011311	91	0-9989689	52
9	8-8461657	17370	11-1404543	8-8443259	17463	11-1433141	10-0011402	92	0-9989598	51
10	8-8464523	17300	11-1387167	8-8446137	17393	11-1376673	10-0011494	92	0-9989506	50
11	8-8467393	17237	11-1369561	8-8449125	17330	11-1358275	10-0011588	93	0-9989414	49
12	8-8470270	17169	11-1352624	8-8452055	17262	11-1340915	10-0011679	93	0-9989321	48
13	8-8473154	17103	11-1335455	8-8454937	17194	11-1323683	10-0011772	93	0-9989228	47
14	8-8476046	17034	11-1318354	8-8457851	17127	11-1306489	10-0011865	94	0-9989135	46
15	8-8478950	16966	11-1301320	8-8460733	17061	11-1289362	10-0011959	94	0-9989041	45
16	8-8481860	16900	11-1284354	8-8463699	16995	11-1272301	10-0012053	94	0-9988947	44
17	8-8484776	16835	11-1267454	8-8466634	16929	11-1255203	10-0012147	95	0-9988853	43
18	8-8487691	16769	11-1250619	8-8469523	16864	11-1238377	10-0012242	95	0-9988758	42
19	8-8490615	16701	11-1233850	8-8472487	16799	11-1221513	10-0012337	96	0-9988663	41
20	8-8493543	16639	11-1217146	8-8475430	16730	11-1204714	10-0012433	96	0-9988567	40
21	8-8496483	16578	11-1200507	8-8478352	16672	11-1187978	10-0012529	97	0-9988471	39
22	8-8499433	16516	11-1183931	8-8481264	16609	11-1171306	10-0012625	97	0-9988375	38
23	8-8502391	16455	11-1167419	8-8484163	16547	11-1154697	10-0012722	97	0-9988278	37
24	8-8505359	16395	11-1150969	8-8487050	16484	11-1138150	10-0012819	97	0-9988181	36
25	8-8508334	16335	11-1134582	8-8489934	16423	11-1121660	10-0012916	98	0-9988084	35
26	8-8511317	16274	11-1118257	8-8492817	16362	11-1105243	10-0013014	98	0-9987986	34
27	8-8514307	16214	11-1101993	8-8495699	16301	11-1088881	10-0013112	98	0-9987888	33
28	8-8517302	16154	11-1085791	8-8498579	16240	11-1072580	10-0013210	99	0-9987790	32
29	8-8520301	16095	11-1069540	8-8501456	16182	11-1056310	10-0013309	100	0-9987691	31
30	8-8523303	16036	11-1053357	8-8504332	16121	11-1040158	10-0013409	99	0-9987591	30
31	8-8526305	15978	11-1037145	8-8507203	16063	11-1024037	10-0013509	100	0-9987492	29
32	8-8529307	15920	11-1021052	8-8510073	16004	11-1007974	10-0013608	100	0-9987392	28
33	8-8532309	15864	11-1004978	8-8512943	15947	11-0991970	10-0013708	101	0-9987292	27
34	8-8535311	15807	11-0988932	8-8515813	15889	11-0976023	10-0013809	101	0-9987191	26
35	8-8538313	15750	11-0972915	8-8518683	15831	11-0960134	10-0013910	102	0-9987090	25
36	8-8541315	15693	11-0956816	8-8521553	15775	11-0944303	10-0014012	102	0-9986988	24
37	8-8544317	15637	11-0940742	8-8524423	15718	11-0928528	10-0014114	102	0-9986886	23
38	8-8547319	15580	11-0924678	8-8527293	15663	11-0912810	10-0014216	102	0-9986784	22
39	8-8550321	15524	11-0908623	8-8530163	15607	11-0897147	10-0014318	102	0-9986682	21
40	8-8553323	15468	11-0892561	8-8533033	15552	11-0881540	10-0014421	103	0-9986580	20
41	8-8556325	15411	11-0876513	8-8535903	15497	11-0865933	10-0014523	103	0-9986478	19
42	8-8559327	15355	11-0860469	8-8538773	15443	11-0850401	10-0014626	104	0-9986375	18
43	8-8562329	15299	11-0844430	8-8541643	15388	11-0834850	10-0014732	104	0-9986273	17
44	8-8565331	15243	11-0828396	8-8544513	15335	11-0819360	10-0014837	105	0-9986170	16
45	8-8568333	15187	11-0812366	8-8547383	15282	11-0803825	10-0014942	105	0-9986068	15
46	8-8571335	15132	11-0796333	8-8550253	15229	11-0788304	10-0015047	105	0-9985965	14
47	8-8574337	15077	11-0780303	8-8553123	15177	11-0772814	10-0015152	106	0-9985863	13
48	8-8577339	15021	11-0764273	8-8555993	15124	11-0757337	10-0015258	106	0-9985760	12
49	8-8580341	14966	11-0748243	8-8558863	15073	11-0741863	10-0015364	107	0-9985658	11
50	8-8583343	14911	11-0732213	8-8561733	15021	11-0726410	10-0015471	107	0-9985555	10
51	8-8586345	14856	11-0716183	8-8564603	14971	11-0710940	10-0015578	107	0-9985452	9
52	8-8589347	14801	11-0700153	8-8567473	14919	11-0695448	10-0015685	108	0-9985349	8
53	8-8592349	14746	11-0684123	8-8570343	14869	11-0680000	10-0015792	108	0-9985246	7
54	8-8595351	14691	11-0668093	8-8573213	14818	11-0664560	10-0015901	109	0-9985143	6
55	8-8598353	14636	11-0652063	8-8576083	14769	11-0649130	10-0016010	109	0-9985040	5
56	8-8601355	14581	11-0636033	8-8578953	14721	11-0633697	10-0016119	109	0-9984937	4
57	8-8604357	14526	11-0620003	8-8581823	14671	11-0618260	10-0016228	109	0-9984834	3
58	8-8607359	14471	11-0603973	8-8584693	14623	11-0602820	10-0016337	110	0-9984731	2
59	8-8610361	14416	11-0587943	8-8587563	14574	11-0587383	10-0016447	111	0-9984628	1
60	8-8613363	14361	11-0571913	8-8590433	14526	11-0571942	10-0016558	111	0-9984525	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Dif.	Cosec.	Tang.	Dif.	Cotang.	Secant	D	Cosine	
1	8 910 000		11 059 046	8 041 9518	14528	11 040 0482	10 001 6558			
2	8 941 73 6	14116	11 058 28 4	8 043 8044	14479	11 040 00 6	10 001 6668	110	8 908 3142	60
3	8 943 1 43	14307	11 057 48 4	8 045 6540	14431	11 039 55 77	10 001 6778	112	8 907 233	58
4	8 944 10 623	14370	11 056 67 37	8 047 5040	14384	11 039 50 40	10 001 6881	111	8 906 1520	56
5	8 945 18 235	14472	11 055 86 26	8 049 3540	14336	11 039 45 03	10 001 6981	112	8 905 0707	57
6	8 946 25 848	14568	11 055 05 15	8 051 2040	14288	11 039 39 66	10 001 7081	113	8 904 0000	58
7	8 947 33 161	14661	11 054 24 04	8 053 0540	14241	11 039 34 29	10 001 7181	114	8 902 9187	59
8	8 948 40 474	14757	11 053 42 93	8 054 9040	14193	11 039 28 92	10 001 7281	115	8 901 8374	60
9	8 949 47 787	14853	11 052 61 82	8 056 7540	14146	11 039 23 55	10 001 7381	116	8 900 7561	61
10	8 950 55 100	14950	11 051 80 71	8 058 6040	14098	11 039 18 18	10 001 7481	117	8 900 6748	62
11	8 951 62 413	15046	11 051 00 60	8 060 4540	14051	11 039 12 81	10 001 7581	118	8 900 5935	63
12	8 952 69 726	15143	11 050 20 49	8 062 3040	14003	11 039 07 44	10 001 7681	119	8 900 5122	64
13	8 953 77 039	15240	11 049 40 38	8 064 1540	13956	11 039 02 07	10 001 7781	120	8 900 4309	65
14	8 954 84 352	15336	11 048 60 27	8 066 0040	13908	11 038 96 70	10 001 7881	121	8 900 3496	66
15	8 955 91 665	15433	11 047 80 16	8 067 8540	13861	11 038 91 33	10 001 7981	122	8 900 2683	67
16	8 956 98 978	15530	11 047 00 05	8 069 7040	13813	11 038 85 96	10 001 8081	123	8 900 1870	68
17	8 958 06 291	15626	11 046 19 94	8 071 5540	13766	11 038 80 59	10 001 8181	124	8 900 1057	69
18	8 959 13 604	15723	11 045 39 83	8 073 4040	13718	11 038 75 22	10 001 8281	125	8 900 0244	70
19	8 960 20 917	15820	11 044 59 72	8 075 2540	13671	11 038 69 85	10 001 8381	126	8 900 9431	71
20	8 961 28 230	15916	11 043 79 61	8 077 1040	13623	11 038 64 48	10 001 8481	127	8 900 8618	72
21	8 962 35 543	16013	11 043 00 50	8 078 9540	13576	11 038 59 11	10 001 8581	128	8 900 7805	73
22	8 963 42 856	16110	11 042 20 39	8 080 8040	13528	11 038 53 74	10 001 8681	129	8 900 6992	74
23	8 964 50 169	16206	11 041 40 28	8 082 6540	13481	11 038 48 37	10 001 8781	130	8 900 6179	75
24	8 965 57 482	16303	11 040 60 17	8 084 5040	13433	11 038 43 00	10 001 8881	131	8 900 5366	76
25	8 966 64 795	16400	11 040 00 06	8 086 3540	13386	11 038 37 63	10 001 8981	132	8 900 4553	77
26	8 967 72 108	16496	11 039 19 95	8 088 2040	13338	11 038 32 26	10 001 9081	133	8 900 3740	78
27	8 968 79 421	16593	11 038 39 84	8 090 0540	13291	11 038 26 89	10 001 9181	134	8 900 2927	79
28	8 969 86 734	16690	11 037 59 73	8 091 9040	13243	11 038 21 52	10 001 9281	135	8 900 2114	80
29	8 970 94 047	16786	11 036 79 62	8 093 7540	13196	11 038 16 15	10 001 9381	136	8 900 1301	81
30	8 971 01 360	16883	11 035 99 51	8 095 6040	13148	11 038 10 78	10 001 9481	137	8 900 0488	82
31	8 972 08 673	16980	11 035 19 40	8 097 4540	13101	11 038 05 41	10 001 9581	138	8 900 9675	83
32	8 973 15 986	17076	11 034 39 29	8 099 3040	13053	11 037 59 04	10 001 9681	139	8 900 8862	84
33	8 974 23 299	17173	11 033 59 18	8 101 1540	13006	11 037 53 67	10 001 9781	140	8 900 8049	85
34	8 975 30 612	17270	11 032 79 07	8 103 0040	12958	11 037 48 30	10 001 9881	141	8 900 7236	86
35	8 976 37 925	17366	11 031 98 96	8 104 8540	12911	11 037 42 93	10 001 9981	142	8 900 6423	87
36	8 977 45 238	17463	11 031 18 85	8 106 7040	12863	11 037 37 56	10 002 0081	143	8 900 5610	88
37	8 978 52 551	17560	11 030 38 74	8 108 5540	12816	11 037 32 19	10 002 0181	144	8 900 4797	89
38	8 979 59 864	17656	11 029 58 63	8 110 4040	12768	11 037 26 82	10 002 0281	145	8 900 3984	90
39	8 980 67 177	17753	11 028 78 52	8 112 2540	12721	11 037 21 45	10 002 0381	146	8 900 3171	91
40	8 981 74 490	17850	11 027 98 41	8 114 1040	12673	11 037 16 08	10 002 0481	147	8 900 2358	92
41	8 982 81 803	17946	11 027 18 30	8 115 9540	12626	11 037 10 71	10 002 0581	148	8 900 1545	93
42	8 983 89 116	18043	11 026 38 19	8 117 8040	12578	11 037 05 34	10 002 0681	149	8 900 0732	94
43	8 984 96 429	18140	11 025 58 08	8 119 6540	12531	11 036 59 97	10 002 0781	150	8 900 9919	95
44	8 985 03 742	18236	11 024 77 97	8 121 5040	12483	11 036 54 60	10 002 0881	151	8 900 9106	96
45	8 986 11 055	18333	11 023 97 86	8 123 3540	12436	11 036 49 23	10 002 0981	152	8 900 8293	97
46	8 987 18 368	18430	11 023 17 75	8 125 2040	12388	11 036 43 86	10 002 1081	153	8 900 7480	98
47	8 988 25 681	18526	11 022 37 64	8 127 0540	12341	11 036 38 49	10 002 1181	154	8 900 6667	99
48	8 989 33 000	18623	11 021 57 53	8 128 9040	12293	11 036 33 12	10 002 1281	155	8 900 5854	00
49	8 990 40 313	18720	11 020 77 42	8 130 7540	12246	11 036 27 75	10 002 1381	156	8 900 5041	01
50	8 991 47 626	18816	11 020 00 31	8 132 6040	12198	11 036 22 38	10 002 1481	157	8 900 4228	02
51	8 992 54 939	18913	11 019 20 20	8 134 4540	12151	11 036 17 01	10 002 1581	158	8 900 3415	03
52	8 993 62 252	19010	11 018 40 09	8 136 3040	12103	11 036 11 64	10 002 1681	159	8 900 2602	04
53	8 994 69 565	19106	11 017 59 98	8 138 1540	12056	11 036 06 27	10 002 1781	160	8 900 1789	05
54	8 995 76 878	19203	11 016 79 87	8 140 0040	12008	11 036 00 90	10 002 1881	161	8 900 0976	06
55	8 996 84 191	19300	11 015 99 76	8 141 8540	11961	11 035 55 53	10 002 1981	162	8 900 0163	07
56	8 997 91 504	19396	11 015 19 65	8 143 7040	11913	11 035 50 16	10 002 2081	163	8 900 9350	08
57	8 998 98 817	19493	11 014 39 54	8 145 5540	11866	11 035 44 79	10 002 2181	164	8 900 8537	09
58	8 999 06 130	19590	11 013 59 43	8 147 4040	11818	11 035 39 42	10 002 2281	165	8 900 7724	10
59	9 000 13 443	19686	11 012 79 32	8 149 2540	11771	11 035 34 05	10 002 2381	166	8 900 6911	11
60	9 001 20 756	19783	11 011 99 21	8 151 1040	11723	11 035 28 68	10 002 2481	167	8 900 6098	12
61	9 002 28 069	19880	11 011 19 10	8 152 9540	11676	11 035 23 31	10 002 2581	168	8 900 5285	13
62	9 003 35 382	19976	11 010 39 00	8 154 8040	11628	11 035 17 94	10 002 2681	169	8 900 4472	14
63	9 004 42 695	20073	11 009 58 89	8 156 6540	11581	11 035 12 57	10 002 2781	170	8 900 3659	15
64	9 005 50 008	20170	11 008 78 78	8 158 5040	11533	11 035 07 20	10 002 2881	171	8 900 2846	16
65	9 006 57 321	20266	11 007 98 67	8 160 3540	11486	11 035 01 83	10 002 2981	172	8 900 2033	17
66	9 007 64 634	20363	11 007 18 56	8 162 2040	11438	11 034 96 46	10 002 3081	173	8 900 1220	18
67	9 008 71 947	20460	11 006 38 45	8 164 0540	11391	11 034 91 09	10 002 3181	174	8 900 0407	19
68	9 009 79 260	20556	11 005 58 34	8 165 9040	11343	11 034 85 72	10 002 3281	175	8 900 9594	20
69	9 010 86 573	20653	11 004 78 23	8 167 7540	11296	11 034 80 35	10 002 3381	176	8 900 8781	21
70	9 011 93 886	20750	11 003 98 12	8 169 6040	11248	11 034 74 98	10 002 3481	177	8 900 7968	22
71	9 012 01 200	20846	11 003 18 01	8 171 4540	11201	11 034 69 61	10 002 3581	178	8 900 7155	23
72	9 013 08 513	20943	11 002 37 90	8 173 3040	11153	11 034 64 24	10 002 3681	179	8 900 6342	24
73	9 014 15 826	21040	11 001 57 79	8 175 1540	11106	11 034 58 87	10 002 3781	180	8 900 5529	25
74	9 015 23 139	21136	11 000 77 68	8 177 0040	11058	11 034 53 50	10 002 3881	181	8 900 4716	26
75	9 016 30 452	21233	11 000 00 57	8 178 8540	11011	11 034 48 13	10 002 3981	182	8 900 3903	27
76	9 017 37 765	21330	10 999 20 46	8 180 7040	10963	11 034 42 76	10 002 4081	183	8 900 3090	28
77	9 018 45 078	21426	10 998 40 35	8 182 5540	10916	11 034 37 39	10 002 4181	184	8 900 2277	29
78	9 019 52 391	21523	10 997 60 24	8 184 4040	10868	11 034 32 02	10 002 4281	185	8 900 1464	30
79	9 020 59 704	21620	10 996 80 13	8 186 2540	10821	11 034 26 65	10 002 4381	186	8 900 0651	31
80	9 021 67 017	21716	10 996 00 02	8 188 1040	10773	11 034 21 28	10 002 4481	187	8 900 9838	32
81	9 022 74 330	21813	10 995 19 91	8 189 9540	10726	11 034 15 91	10 002 4581	188	8 900 9025	33
82	9 023 81 643	21910	10 994 39 80	8 191 8040	10678	11 034 10 54	10 002 4681	189	8 900 8212	34
83	9 024 88 956	22006	10 993 59 69	8 193 6540	10631	11 034 05 17	10 002 4781	190	8 900 7399	35
84	9 025 96 269	22103	10 992 79 58	8 195 5040	10583	11 033 99 80	10 002 4881	191	8 900 6586	36
85	9 026 03 582	22200	10 992 00 47	8 197 3540	10536	11 033 94 43	10 002 4981	192	8 900 5773	37
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TANGENTS, AND SECANTS.

0 Deg.

	Sine	Dif.	Cosec.	Tang.	Dif.	Cotang.	Secant	D.	Cosine	
0	0.0174328	12002	10.0807654	0.0216202	12138	10.0783798	10.0023857	132	0.9975613	60
1	0.0290748	11970	10.0785552	0.0223318	12103	10.0771632	10.0023989	134	0.9975011	59
2	0.0416318	11940	10.0783052	0.0230441	12069	10.0759550	10.0024123	134	0.9975877	58
3	0.0542154	11903	10.0771740	0.0237510	12033	10.0747490	10.0024257	134	0.9975743	57
4	0.0668162	11870	10.0769543	0.0244648	12001	10.0735452	10.0024391	134	0.9975609	56
5	0.0794297	11838	10.0757973	0.0251732	11972	10.0723448	10.0024525	135	0.9975475	55
6	0.0920565		10.0746135	0.0258821	11940	10.0711470	10.0024660	135	0.9975340	54
7	0.1046974	11804	10.0734131	0.0265946	11909	10.0699530	10.0024795	136	0.9975205	53
8	0.1173522	11773	10.0722538	0.0273073	11876	10.0687627	10.0024931	136	0.9975069	52
9	0.1300212	11740	10.0710918	0.0280210	11844	10.0675751	10.0025067	136	0.9974933	51
10	0.1426940	11708	10.0699110	0.0287369	11813	10.0663907	10.0025203	137	0.9974797	50
11	0.1553707	11675	10.0687423	0.0294506	11782	10.0652091	10.0025340	137	0.9974660	49
12	0.1680512	11643	10.0675788	0.0301658	11751	10.0640312	10.0025477	137	0.9974523	48
13	0.1807356	11612	10.0664176	0.0308789	11720	10.0628561	10.0025614	138	0.9974386	47
14	0.1934237	11582	10.0652590	0.0315919	11689	10.0616834	10.0025752	138	0.9974249	46
15	0.2061155	11551	10.0641042	0.0323048	11658	10.0605162	10.0025890	139	0.9974112	45
16	0.2188107	11520	10.0629523	0.0330166	11628	10.0593494	10.0026029	139	0.9973971	44
17	0.2315090	11489	10.0618036	0.0337284	11597	10.0581866	10.0026167	140	0.9973833	43
18	0.2442104	11458	10.0606574	0.0344391	11567	10.0570269	10.0026307	140	0.9973693	42
19	0.2569142	11428	10.0595148	0.0351499	11536	10.0558701	10.0026446	140	0.9973554	41
20	0.2696204	11397	10.0583751	0.0358620	11507	10.0547164	10.0026586	141	0.9973414	40
21	0.2823291	11368	10.0572383	0.0365743	11478	10.0535657	10.0026727	141	0.9973273	39
22	0.2950404	11337	10.0561046	0.0372861	11449	10.0524179	10.0026868	141	0.9973132	38
23	0.3077542	11307	10.0549730	0.0379970	11420	10.0512730	10.0027009	141	0.9972991	37
24	0.3204704	11277	10.0538442	0.0387089	11391	10.0501311	10.0027150	142	0.9972850	36
25	0.3331890	11248	10.0527184	0.0394208	11362	10.0489922	10.0027292	142	0.9972708	35
26	0.3459100	11219	10.0515955	0.0401327	11333	10.0478561	10.0027434	143	0.9972566	34
27	0.3586334	11189	10.0504746	0.0408446	11304	10.0467229	10.0027577	143	0.9972423	33
28	0.3713592	11160	10.0493556	0.0415565	11275	10.0455926	10.0027720	143	0.9972280	32
29	0.3840874	11131	10.0482386	0.0422684	11246	10.0444651	10.0027863	144	0.9972137	31
30	0.3968180	11103	10.0471242	0.0429803	11218	10.0433405	10.0028007	144	0.9971993	30
31	0.4095510	11075	10.0460123	0.0436922	11189	10.0422188	10.0028151	145	0.9971849	29
32	0.4222864	11046	10.0449028	0.0444041	11162	10.0410993	10.0028296	145	0.9971704	28
33	0.4350242	11017	10.0437957	0.0451160	11133	10.0399826	10.0028441	145	0.9971559	27
34	0.4477644	10989	10.0426910	0.0458279	11106	10.0388680	10.0028586	146	0.9971414	26
35	0.4605070	10962	10.0415889	0.0465398	11079	10.0377567	10.0028732	146	0.9971268	25
36	0.4732520	10935	10.0404891	0.0472517	11052	10.0366488	10.0028878	146	0.9971122	24
37	0.4860004	10907	10.0393916	0.0479636	11025	10.0355437	10.0029024	147	0.9970976	23
38	0.4987512	10880	10.0382964	0.0486755	10999	10.0344414	10.0029171	147	0.9970829	22
39	0.5115044	10853	10.0372035	0.0493874	10972	10.0333417	10.0029318	147	0.9970682	21
40	0.5242600	10826	10.0361128	0.0500993	10946	10.0322448	10.0029465	148	0.9970535	20
41	0.5370180	10799	10.0350242	0.0508112	10920	10.0311505	10.0029613	148	0.9970387	19
42	0.5497784	10772	10.0339377	0.0515231	10894	10.0300596	10.0029761	149	0.9970239	18
43	0.5625412	10745	10.0328532	0.0522350	10868	10.0289710	10.0029910	149	0.9970090	17
44	0.5753064	10718	10.0317707	0.0529469	10842	10.0278856	10.0030059	149	0.9969941	16
45	0.5880740	10691	10.0306892	0.0536588	10816	10.0268031	10.0030208	150	0.9969792	15
46	0.6008440	10664	10.0296097	0.0543707	10790	10.0257221	10.0030358	150	0.9969642	14
47	0.6136164	10637	10.0285322	0.0550826	10764	10.0246437	10.0030508	150	0.9969492	13
48	0.6263912	10610	10.0274567	0.0557945	10738	10.0235679	10.0030658	151	0.9969342	12
49	0.6391684	10583	10.0263832	0.0565064	10712	10.0224947	10.0030809	151	0.9969191	11
50	0.6519480	10556	10.0253117	0.0572183	10686	10.0214240	10.0030960	152	0.9969040	10
51	0.6647300	10529	10.0242422	0.0579302	10660	10.0203559	10.0031112	152	0.9968888	9
52	0.6775144	10502	10.0231747	0.0586421	10634	10.0192894	10.0031264	152	0.9968736	8
53	0.6903012	10475	10.0221092	0.0593540	10608	10.0182254	10.0031416	153	0.9968584	7
54	0.7030904	10448	10.0210457	0.0600659	10582	10.0171639	10.0031569	153	0.9968431	6
55	0.7158820	10421	10.0200000	0.0607778	10556	10.0161049	10.0031722	153	0.9968278	5
56	0.7286760	10394	10.0189542	0.0614897	10530	10.0150534	10.0031875	154	0.9968125	4
57	0.7414724	10367	10.0179085	0.0622016	10505	10.0140094	10.0032029	154	0.9967971	3
58	0.7542712	10340	10.0168638	0.0629135	10479	10.0129739	10.0032183	154	0.9967817	2
59	0.7670724	10313	10.0158199	0.0636254	10453	10.0119469	10.0032337	155	0.9967662	1
60	0.7798760	10286	10.0147760	0.0643373	10427	10.0109262	10.0032492	155	0.9967507	0
	Cosine	Dif.	Secant	Cotang.	Dif.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D	Cosine	
0	0.0359045		10.9141065	0.0001435		10.9998565	10.0032433		0.9997567	60
1	0.0401171	10276	10.9133770	0.0001860	10431	10.9998139	10.0031948	155	0.9997132	59
2	0.0443297	10272	10.9126475	0.0002277	10430	10.9997723	10.0031463	156	0.9996697	58
3	0.0485423	10268	10.9119180	0.0002694	10429	10.9997298	10.0030978	157	0.9996262	57
4	0.0527549	10264	10.9111885	0.0003111	10428	10.9996873	10.0030493	158	0.9995827	56
5	0.0569675	10260	10.9104590	0.0003528	10427	10.9996448	10.0029998	159	0.9995392	55
6	0.0611801	10256	10.9097295	0.0003945	10426	10.9996023	10.0029513	160	0.9994957	54
7	0.0653927	10252	10.9089999	0.0004362	10425	10.9995598	10.0029028	161	0.9994522	53
8	0.0696053	10248	10.9082704	0.0004779	10424	10.9995173	10.0028543	162	0.9994087	52
9	0.0738179	10244	10.9075409	0.0005196	10423	10.9994748	10.0028058	163	0.9993652	51
10	0.0780305	10240	10.9068114	0.0005613	10422	10.9994323	10.0027573	164	0.9993217	50
11	0.0822431	10236	10.9060819	0.0006030	10421	10.9993898	10.0027088	165	0.9992782	49
12	0.0864557	10232	10.9053524	0.0006447	10420	10.9993473	10.0026603	166	0.9992347	48
13	0.0906683	10228	10.9046229	0.0006864	10419	10.9993048	10.0026118	167	0.9991912	47
14	0.0948809	10224	10.9038934	0.0007281	10418	10.9992623	10.0025633	168	0.9991477	46
15	0.0990935	10220	10.9031639	0.0007698	10417	10.9992198	10.0025148	169	0.9991042	45
16	0.1033061	10216	10.9024344	0.0008115	10416	10.9991773	10.0024663	170	0.9990607	44
17	0.1075187	10212	10.9017049	0.0008532	10415	10.9991348	10.0024178	171	0.9990172	43
18	0.1117313	10208	10.9009754	0.0008949	10414	10.9990923	10.0023693	172	0.9989737	42
19	0.1159439	10204	10.9002459	0.0009366	10413	10.9990498	10.0023208	173	0.9989302	41
20	0.1201565	10200	10.8995164	0.0009783	10412	10.9990073	10.0022723	174	0.9988867	40
21	0.1243691	10196	10.8987869	0.0010199	10411	10.9989648	10.0022238	175	0.9988432	39
22	0.1285817	10192	10.8980574	0.0010616	10410	10.9989223	10.0021753	176	0.9987997	38
23	0.1327943	10188	10.8973279	0.0011033	10409	10.9988798	10.0021268	177	0.9987562	37
24	0.1370069	10184	10.8965984	0.0011450	10408	10.9988373	10.0020783	178	0.9987127	36
25	0.1412195	10180	10.8958689	0.0011867	10407	10.9987948	10.0020298	179	0.9986692	35
26	0.1454321	10176	10.8951394	0.0012284	10406	10.9987523	10.0019813	180	0.9986257	34
27	0.1496447	10172	10.8944099	0.0012701	10405	10.9987098	10.0019328	181	0.9985822	33
28	0.1538573	10168	10.8936804	0.0013118	10404	10.9986673	10.0018843	182	0.9985387	32
29	0.1580699	10164	10.8929509	0.0013535	10403	10.9986248	10.0018358	183	0.9984952	31
30	0.1622825	10160	10.8922214	0.0013952	10402	10.9985823	10.0017873	184	0.9984517	30
31	0.1664951	10156	10.8914919	0.0014369	10401	10.9985398	10.0017388	185	0.9984082	29
32	0.1707077	10152	10.8907624	0.0014786	10400	10.9984973	10.0016903	186	0.9983647	28
33	0.1749203	10148	10.8900329	0.0015203	10399	10.9984548	10.0016418	187	0.9983212	27
34	0.1791329	10144	10.8893034	0.0015620	10398	10.9984123	10.0015933	188	0.9982777	26
35	0.1833455	10140	10.8885739	0.0016037	10397	10.9983698	10.0015448	189	0.9982342	25
36	0.1875581	10136	10.8878444	0.0016454	10396	10.9983273	10.0014963	190	0.9981907	24
37	0.1917707	10132	10.8871149	0.0016871	10395	10.9982848	10.0014478	191	0.9981472	23
38	0.1959833	10128	10.8863854	0.0017288	10394	10.9982423	10.0013993	192	0.9981037	22
39	0.2001959	10124	10.8856559	0.0017705	10393	10.9981998	10.0013508	193	0.9980602	21
40	0.2044085	10120	10.8849264	0.0018122	10392	10.9981573	10.0013023	194	0.9980167	20
41	0.2086211	10116	10.8841969	0.0018539	10391	10.9981148	10.0012538	195	0.9979732	19
42	0.2128337	10112	10.8834674	0.0018956	10390	10.9980723	10.0012053	196	0.9979297	18
43	0.2170463	10108	10.8827379	0.0019373	10389	10.9980298	10.0011568	197	0.9978862	17
44	0.2212589	10104	10.8820084	0.0019790	10388	10.9979873	10.0011083	198	0.9978427	16
45	0.2254715	10100	10.8812789	0.0020207	10387	10.9979448	10.0010598	199	0.9977992	15
46	0.2296841	10096	10.8805494	0.0020624	10386	10.9979023	10.0010113	200	0.9977557	14
47	0.2338967	10092	10.8798199	0.0021041	10385	10.9978598	10.0009628	201	0.9977122	13
48	0.2381093	10088	10.8790904	0.0021458	10384	10.9978173	10.0009143	202	0.9976687	12
49	0.2423219	10084	10.8783609	0.0021875	10383	10.9977748	10.0008658	203	0.9976252	11
50	0.2465345	10080	10.8776314	0.0022292	10382	10.9977323	10.0008173	204	0.9975817	10
51	0.2507471	10076	10.8769019	0.0022709	10381	10.9976898	10.0007688	205	0.9975382	9
52	0.2549597	10072	10.8761724	0.0023126	10380	10.9976473	10.0007203	206	0.9974947	8
53	0.2591723	10068	10.8754429	0.0023543	10379	10.9976048	10.0006718	207	0.9974512	7
54	0.2633849	10064	10.8747134	0.0023960	10378	10.9975623	10.0006233	208	0.9974077	6
55	0.2675975	10060	10.8739839	0.0024377	10377	10.9975198	10.0005748	209	0.9973642	5
56	0.2718101	10056	10.8732544	0.0024794	10376	10.9974773	10.0005263	210	0.9973207	4
57	0.2760227	10052	10.8725249	0.0025211	10375	10.9974348	10.0004778	211	0.9972772	3
58	0.2802353	10048	10.8717954	0.0025628	10374	10.9973923	10.0004293	212	0.9972337	2
59	0.2844479	10044	10.8710659	0.0026045	10373	10.9973498	10.0003808	213	0.9971902	1
60	0.2886605	10040	10.8703364	0.0026462	10372	10.9973073	10.0003323	214	0.9971467	0

Cosine Diff. Secant Cotang. Diff. Tang. Cosec. D Sine

TANGENTS, AND SECANTS.

8 Deg

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.1411153	8970	10.8564447	0.1478025	9157	10.8521975	10.0049472	178	0.9957523	60
1	0.1414332	8961	10.8564068	0.1487152	9159	10.8512518	10.0042650	178	0.9957350	59
2	0.1417493	8952	10.8563697	0.1496321	9160	10.8503679	10.0042823	179	0.9957172	58
3	0.1420635	8943	10.8563325	0.1505541	9162	10.8494559	10.0043007	178	0.9956993	57
4	0.1423768	8934	10.8562952	0.1514843	9164	10.8485457	10.0043185	180	0.9956815	56
5	0.1426892	8925	10.8562578	0.1524227	9165	10.8476373	10.0043365	179	0.9956635	55
6	0.1430018	8916	10.8562205	0.1533692	9167	10.8467303	10.0043544	180	0.9956456	54
7	0.1433135	8907	10.8561835	0.1543173	9169	10.8458261	10.0043724	181	0.9956276	53
8	0.1436254	8898	10.8561466	0.1552709	9170	10.8449231	10.0043905	180	0.9956095	52
9	0.1439374	8889	10.8561096	0.1562300	9171	10.8440220	10.0044085	181	0.9955915	51
10	0.1442497	8880	10.8560723	0.1571937	9172	10.8431227	10.0044266	182	0.9955734	50
11	0.1445621	8871	10.8560350	0.1581630	9173	10.8422252	10.0044448	182	0.9955552	49
12	0.1448746	8862	10.8559974	0.1591378	9174	10.8413291	10.0044630	182	0.9955370	48
13	0.1451871	8853	10.8559600	0.1601180	9175	10.8404354	10.0044812	183	0.9955188	47
14	0.1454997	8844	10.8559226	0.1611036	9176	10.8395431	10.0045005	183	0.9955006	46
15	0.1458124	8835	10.8558851	0.1620946	9177	10.8386522	10.0045178	183	0.9954822	45
16	0.1461251	8826	10.8558476	0.1630910	9178	10.8377639	10.0045361	184	0.9954639	44
17	0.1464378	8817	10.8558101	0.1640928	9179	10.8368769	10.0045545	184	0.9954455	43
18	0.1467505	8808	10.8557726	0.1651000	9180	10.8359917	10.0045729	184	0.9954271	42
19	0.1470632	8799	10.8557351	0.1661126	9181	10.8351081	10.0045913	185	0.9954087	41
20	0.1473759	8790	10.8556976	0.1671306	9182	10.8342263	10.0046098	185	0.9953902	40
21	0.1476886	8781	10.8556601	0.1681540	9183	10.8333462	10.0046283	186	0.9953717	39
22	0.1480013	8772	10.8556226	0.1691828	9184	10.8324678	10.0046469	186	0.9953531	38
23	0.1483140	8763	10.8555851	0.1702170	9185	10.8315911	10.0046655	186	0.9953345	37
24	0.1486267	8754	10.8555476	0.1712566	9186	10.8307161	10.0046841	187	0.9953159	36
25	0.1489394	8745	10.8555101	0.1723016	9187	10.8298428	10.0047028	187	0.9952972	35
26	0.1492521	8736	10.8554726	0.1733520	9188	10.8289711	10.0047215	188	0.9952785	34
27	0.1495648	8727	10.8554351	0.1744078	9189	10.8281011	10.0047403	188	0.9952598	33
28	0.1498775	8718	10.8553976	0.1754690	9190	10.8272333	10.0047591	188	0.9952410	32
29	0.1501902	8709	10.8553601	0.1765366	9191	10.8263662	10.0047779	188	0.9952223	31
30	0.1505029	8700	10.8553226	0.1776106	9192	10.8255012	10.0047967	189	0.9952033	30
31	0.1508156	8691	10.8552851	0.1786900	9193	10.8246378	10.0048156	190	0.9951844	29
32	0.1511283	8682	10.8552476	0.1797758	9194	10.8237761	10.0048346	190	0.9951654	28
33	0.1514410	8673	10.8552101	0.1808680	9195	10.8229160	10.0048536	190	0.9951464	27
34	0.1517537	8664	10.8551726	0.1819666	9196	10.8220575	10.0048726	190	0.9951274	26
35	0.1520664	8655	10.8551351	0.1830716	9197	10.8212007	10.0048916	191	0.9951084	25
36	0.1523791	8646	10.8550976	0.1841830	9198	10.8203454	10.0049107	191	0.9950893	24
37	0.1526918	8637	10.8550601	0.1852998	9199	10.8194918	10.0049298	192	0.9950703	23
38	0.1530045	8628	10.8550226	0.1864230	9200	10.8186393	10.0049490	192	0.9950510	22
39	0.1533172	8619	10.8549851	0.1875526	9201	10.8177891	10.0049682	192	0.9950318	21
40	0.1536300	8610	10.8549476	0.1886886	9202	10.8169405	10.0049874	193	0.9950126	20
41	0.1539427	8601	10.8549101	0.1898310	9203	10.8160932	10.0050067	193	0.9949933	19
42	0.1542554	8592	10.8548726	0.1909800	9204	10.8152475	10.0050260	194	0.9949740	18
43	0.1545681	8583	10.8548351	0.1921354	9205	10.8144034	10.0050454	194	0.9949546	17
44	0.1548808	8574	10.8547976	0.1932972	9206	10.8135608	10.0050648	194	0.9949352	16
45	0.1551935	8565	10.8547601	0.1944654	9207	10.8127193	10.0050842	194	0.9949158	15
46	0.1555062	8556	10.8547226	0.1956400	9208	10.8118784	10.0051036	195	0.9948964	14
47	0.1558189	8547	10.8546851	0.1968210	9209	10.8110385	10.0051231	195	0.9948769	13
48	0.1561316	8538	10.8546476	0.1980084	9210	10.8101991	10.0051427	195	0.9948573	12
49	0.1564443	8529	10.8546101	0.1992022	9211	10.8093608	10.0051623	195	0.9948377	11
50	0.1567570	8520	10.8545726	0.1994024	9212	10.8085239	10.0051819	196	0.9948181	10
51	0.1570697	8511	10.8545351	0.1996090	9213	10.8076879	10.0052015	197	0.9947985	9
52	0.1573824	8502	10.8544976	0.1998220	9214	10.8068526	10.0052212	197	0.9947788	8
53	0.1576951	8493	10.8544601	0.2000364	9215	10.8060171	10.0052409	198	0.9947591	7
54	0.1580078	8484	10.8544226	0.2002522	9216	10.8051816	10.0052607	198	0.9947393	6
55	0.1583205	8475	10.8543851	0.2004684	9217	10.8043461	10.0052805	198	0.9947195	5
56	0.1586332	8466	10.8543476	0.2006850	9218	10.8035106	10.0053003	199	0.9946997	4
57	0.1589459	8457	10.8543101	0.2009020	9219	10.8026751	10.0053202	199	0.9946798	3
58	0.1592586	8448	10.8542726	0.2011204	9220	10.8018396	10.0053401	200	0.9946599	2
59	0.1595713	8439	10.8542351	0.2013392	9221	10.8010041	10.0053601	200	0.9946399	1
60	0.1598840	8430	10.8541976	0.2015584	9222	10.8001686	10.0053801	200	0.9946199	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

LOGARITHMIC SINES,

9 Deg.

	Sine	Diff.	Cosec.	Tang.	D. R.	Cotang.	Secant	D.	Cosine	
0	9 1043374	7060	10 8056076	9 1007125	8169	10 5002375	10 0053801	400	9 9946199	60
1	9 1043523	7064	10 8040707	9 1006824	8155	10 779 4 03	10 0044001	201	9 9945709	59
2	9 1043674	7068	10 8025338	9 1006523	8141	10 778 8 06	10 0034202	201	9 9945218	58
3	9 1043825	7073	10 8009969	9 1006222	8127	10 777 12 09	10 0024403	201	9 9944727	57
4	9 1043976	7078	10 8004600	9 1005921	8113	10 776 16 12	10 0014604	201	9 9944236	56
5	9 1044127	7083	10 7989231	9 1005620	8099	10 775 20 15	10 0004805	201	9 9943745	55
6	9 1044278	7088	10 7983862	9 1005319	8085	10 774 24 18	10 0005006	201	9 9943254	54
7	9 1044429	7093	10 7978493	9 1005018	8071	10 773 28 21	10 0005207	201	9 9942763	53
8	9 1044580	7098	10 7973124	9 1004717	8057	10 772 32 24	10 0005408	201	9 9942272	52
9	9 1044731	7103	10 7967755	9 1004416	8043	10 771 36 27	10 0005609	201	9 9941781	51
10	9 1044882	7108	10 7962386	9 1004115	8029	10 770 40 30	10 0005810	201	9 9941290	50
11	9 1045033	7113	10 7957017	9 1003814	8015	10 769 44 33	10 0006011	201	9 9940799	49
12	9 1045184	7118	10 7951648	9 1003513	8001	10 768 48 36	10 0006212	201	9 9940308	48
13	9 1045335	7123	10 7946279	9 1003212	7987	10 767 52 39	10 0006413	201	9 9939817	47
14	9 1045486	7128	10 7940910	9 1002911	7973	10 766 56 42	10 0006614	201	9 9939326	46
15	9 1045637	7133	10 7935541	9 1002610	7959	10 765 60 45	10 0006815	201	9 9938835	45
16	9 1045788	7138	10 7930172	9 1002309	7945	10 764 64 48	10 0007016	201	9 9938344	44
17	9 1045939	7143	10 7924803	9 1002008	7931	10 763 68 51	10 0007217	201	9 9937853	43
18	9 1046090	7148	10 7919434	9 1001707	7917	10 762 72 54	10 0007418	201	9 9937362	42
19	9 1046241	7153	10 7914065	9 1001406	7903	10 761 76 57	10 0007619	201	9 9936871	41
20	9 1046392	7158	10 7908696	9 1001105	7889	10 760 80 60	10 0007820	201	9 9936380	40
21	9 1046543	7163	10 7903327	9 1000804	7875	10 759 84 63	10 0008021	201	9 9935889	39
22	9 1046694	7168	10 7897958	9 1000503	7861	10 758 88 66	10 0008222	201	9 9935398	38
23	9 1046845	7173	10 7892589	9 1000202	7847	10 757 92 69	10 0008423	201	9 9934907	37
24	9 1046996	7178	10 7887220	9 1000901	7833	10 756 96 72	10 0008624	201	9 9934416	36
25	9 1047147	7183	10 7881851	9 1000600	7819	10 755 100 75	10 0008825	201	9 9933925	35
26	9 1047298	7188	10 7876482	9 1000299	7805	10 754 104 78	10 0009026	201	9 9933434	34
27	9 1047449	7193	10 7871113	9 1000098	7791	10 753 108 81	10 0009227	201	9 9932943	33
28	9 1047600	7198	10 7865744	9 1000797	7777	10 752 112 84	10 0009428	201	9 9932452	32
29	9 1047751	7203	10 7860375	9 1000496	7763	10 751 116 87	10 0009629	201	9 9931961	31
30	9 1047902	7208	10 7855006	9 1000195	7749	10 750 120 90	10 0009830	201	9 9931470	30
31	9 1048053	7213	10 7849637	9 1000894	7735	10 749 124 93	10 0010031	201	9 9930979	29
32	9 1048204	7218	10 7844268	9 1000593	7721	10 748 128 96	10 0010232	201	9 9930488	28
33	9 1048355	7223	10 7838899	9 1000292	7707	10 747 132 99	10 0010433	201	9 9929997	27
34	9 1048506	7228	10 7833530	9 1000991	7693	10 746 136 02	10 0010634	201	9 9929506	26
35	9 1048657	7233	10 7828161	9 1000690	7679	10 745 140 05	10 0010835	201	9 9929015	25
36	9 1048808	7238	10 7822792	9 1000389	7665	10 744 144 08	10 0011036	201	9 9928524	24
37	9 1048959	7243	10 7817423	9 1000088	7651	10 743 148 11	10 0011237	201	9 9928033	23
38	9 1049110	7248	10 7812054	9 1000787	7637	10 742 152 14	10 0011438	201	9 9927542	22
39	9 1049261	7253	10 7806685	9 1000486	7623	10 741 156 17	10 0011639	201	9 9927051	21
40	9 1049412	7258	10 7801316	9 1000185	7609	10 740 160 20	10 0011840	201	9 9926560	20
41	9 1049563	7263	10 7795947	9 1000884	7595	10 739 164 23	10 0012041	201	9 9926069	19
42	9 1049714	7268	10 7790578	9 1000583	7581	10 738 168 26	10 0012242	201	9 9925578	18
43	9 1049865	7273	10 7785209	9 1000282	7567	10 737 172 29	10 0012443	201	9 9925087	17
44	9 1049916	7278	10 7779840	9 1000981	7553	10 736 176 32	10 0012644	201	9 9924596	16
45	9 1050067	7283	10 7774471	9 1000680	7539	10 735 180 35	10 0012845	201	9 9924105	15
46	9 1050218	7288	10 7769102	9 1000379	7525	10 734 184 38	10 0013046	201	9 9923614	14
47	9 1050369	7293	10 7763733	9 1000078	7511	10 733 188 41	10 0013247	201	9 9923123	13
48	9 1050520	7298	10 7758364	9 1000777	7497	10 732 192 44	10 0013448	201	9 9922632	12
49	9 1050671	7303	10 7752995	9 1000476	7483	10 731 196 47	10 0013649	201	9 9922141	11
50	9 1050822	7308	10 7747626	9 1000175	7469	10 730 200 50	10 0013850	201	9 9921650	10
51	9 1050973	7313	10 7742257	9 1000874	7455	10 729 204 53	10 0014051	201	9 9921159	9
52	9 1051124	7318	10 7736888	9 1000573	7441	10 728 208 56	10 0014252	201	9 9920668	8
53	9 1051275	7323	10 7731519	9 1000272	7427	10 727 212 59	10 0014453	201	9 9920177	7
54	9 1051426	7328	10 7726150	9 1000971	7413	10 726 216 62	10 0014654	201	9 9919686	6
55	9 1051577	7333	10 7720781	9 1000670	7399	10 725 220 65	10 0014855	201	9 9919195	5
56	9 1051728	7338	10 7715412	9 1000369	7385	10 724 224 68	10 0015056	201	9 9918704	4
57	9 1051879	7343	10 7709943	9 1000068	7371	10 723 228 71	10 0015257	201	9 9918213	3
58	9 1052030	7348	10 7704574	9 1000767	7357	10 722 232 74	10 0015458	201	9 9917722	2
59	9 1052181	7353	10 7699205	9 1000466	7343	10 721 236 77	10 0015659	201	9 9917231	1
60	9 1052332	7358	10 7693836	9 1000165	7329	10 720 240 80	10 0015860	201	9 9916740	0

Cosine Diff. Secant Cotang. Diff. Tang. Cosec. D Sine

TANGENTS, AND SECANTS.

10 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.1736482		10.7697593	0.3163183		10.7576812	10.0064185	223	0.9933515	60
1	0.1736561	7159	10.7696133	0.3163569	7331	10.7576431	10.0064703	224	0.9933092	59
2	0.1736640	7160	10.7694673	0.3163959	7332	10.7576050	10.0065222	225	0.9932669	58
3	0.1736719	7161	10.7693213	0.3164349	7333	10.7575669	10.0065741	226	0.9932246	57
4	0.1736798	7162	10.7691753	0.3164739	7334	10.7575288	10.0066260	227	0.9931823	56
5	0.1736877	7163	10.7690293	0.3165129	7335	10.7574907	10.0066779	228	0.9931400	55
6	0.1736956	7164	10.7688833	0.3165519	7336	10.7574526	10.0067298	229	0.9930977	54
7	0.1737035	7165	10.7687373	0.3165909	7337	10.7574145	10.0067817	230	0.9930554	53
8	0.1737114	7166	10.7685913	0.3166299	7338	10.7573764	10.0068336	231	0.9930131	52
9	0.1737193	7167	10.7684453	0.3166689	7339	10.7573383	10.0068855	232	0.9929708	51
10	0.1737272	7168	10.7682993	0.3167079	7340	10.7573002	10.0069374	233	0.9929285	50
11	0.1737351	7169	10.7681533	0.3167469	7341	10.7572621	10.0069893	234	0.9928862	49
12	0.1737430	7170	10.7680073	0.3167859	7342	10.7572240	10.0070412	235	0.9928439	48
13	0.1737509	7171	10.7678613	0.3168249	7343	10.7571859	10.0070931	236	0.9928016	47
14	0.1737588	7172	10.7677153	0.3168639	7344	10.7571478	10.0071450	237	0.9927593	46
15	0.1737667	7173	10.7675693	0.3169029	7345	10.7571097	10.0071969	238	0.9927170	45
16	0.1737746	7174	10.7674233	0.3169419	7346	10.7570716	10.0072488	239	0.9926747	44
17	0.1737825	7175	10.7672773	0.3169809	7347	10.7570335	10.0073007	240	0.9926324	43
18	0.1737904	7176	10.7671313	0.3170199	7348	10.7569954	10.0073526	241	0.9925901	42
19	0.1737983	7177	10.7669853	0.3170589	7349	10.7569573	10.0074045	242	0.9925478	41
20	0.1738062	7178	10.7668393	0.3170979	7350	10.7569192	10.0074564	243	0.9925055	40
21	0.1738141	7179	10.7666933	0.3171369	7351	10.7568811	10.0075083	244	0.9924632	39
22	0.1738220	7180	10.7665473	0.3171759	7352	10.7568430	10.0075602	245	0.9924209	38
23	0.1738299	7181	10.7664013	0.3172149	7353	10.7568049	10.0076121	246	0.9923786	37
24	0.1738378	7182	10.7662553	0.3172539	7354	10.7567668	10.0076640	247	0.9923363	36
25	0.1738457	7183	10.7661093	0.3172929	7355	10.7567287	10.0077159	248	0.9922940	35
26	0.1738536	7184	10.7659633	0.3173319	7356	10.7566906	10.0077678	249	0.9922517	34
27	0.1738615	7185	10.7658173	0.3173709	7357	10.7566525	10.0078197	250	0.9922094	33
28	0.1738694	7186	10.7656713	0.3174099	7358	10.7566144	10.0078716	251	0.9921671	32
29	0.1738773	7187	10.7655253	0.3174489	7359	10.7565763	10.0079235	252	0.9921248	31
30	0.1738852	7188	10.7653793	0.3174879	7360	10.7565382	10.0079754	253	0.9920825	30
31	0.1738931	7189	10.7652333	0.3175269	7361	10.7565001	10.0080273	254	0.9920402	29
32	0.1739010	7190	10.7650873	0.3175659	7362	10.7564620	10.0080792	255	0.9920000	28
33	0.1739089	7191	10.7649413	0.3176049	7363	10.7564239	10.0081311	256	0.9919577	27
34	0.1739168	7192	10.7647953	0.3176439	7364	10.7563858	10.0081830	257	0.9919154	26
35	0.1739247	7193	10.7646493	0.3176829	7365	10.7563477	10.0082349	258	0.9918731	25
36	0.1739326	7194	10.7645033	0.3177219	7366	10.7563096	10.0082868	259	0.9918308	24
37	0.1739405	7195	10.7643573	0.3177609	7367	10.7562715	10.0083387	260	0.9917885	23
38	0.1739484	7196	10.7642113	0.3177999	7368	10.7562334	10.0083906	261	0.9917462	22
39	0.1739563	7197	10.7640653	0.3178389	7369	10.7561953	10.0084425	262	0.9917039	21
40	0.1739642	7198	10.7639193	0.3178779	7370	10.7561572	10.0084944	263	0.9916616	20
41	0.1739721	7199	10.7637733	0.3179169	7371	10.7561191	10.0085463	264	0.9916193	19
42	0.1739800	7200	10.7636273	0.3179559	7372	10.7560810	10.0085982	265	0.9915770	18
43	0.1739879	7201	10.7634813	0.3179949	7373	10.7560429	10.0086501	266	0.9915347	17
44	0.1739958	7202	10.7633353	0.3180339	7374	10.7560048	10.0087020	267	0.9914924	16
45	0.1740037	7203	10.7631893	0.3180729	7375	10.7559667	10.0087539	268	0.9914501	15
46	0.1740116	7204	10.7630433	0.3181119	7376	10.7559286	10.0088058	269	0.9914078	14
47	0.1740195	7205	10.7628973	0.3181509	7377	10.7558905	10.0088577	270	0.9913655	13
48	0.1740274	7206	10.7627513	0.3181899	7378	10.7558524	10.0089096	271	0.9913232	12
49	0.1740353	7207	10.7626053	0.3182289	7379	10.7558143	10.0089615	272	0.9912809	11
50	0.1740432	7208	10.7624593	0.3182679	7380	10.7557762	10.0090134	273	0.9912386	10
51	0.1740511	7209	10.7623133	0.3183069	7381	10.7557381	10.0090653	274	0.9911963	9
52	0.1740590	7210	10.7621673	0.3183459	7382	10.7557000	10.0091172	275	0.9911540	8
53	0.1740669	7211	10.7620213	0.3183849	7383	10.7556619	10.0091691	276	0.9911117	7
54	0.1740748	7212	10.7618753	0.3184239	7384	10.7556238	10.0092210	277	0.9910694	6
55	0.1740827	7213	10.7617293	0.3184629	7385	10.7555857	10.0092729	278	0.9910271	5
56	0.1740906	7214	10.7615833	0.3185019	7386	10.7555476	10.0093248	279	0.9909848	4
57	0.1740985	7215	10.7614373	0.3185409	7387	10.7555095	10.0093767	280	0.9909425	3
58	0.1741064	7216	10.7612913	0.3185799	7388	10.7554714	10.0094286	281	0.9908999	2
59	0.1741143	7217	10.7611453	0.3186189	7389	10.7554333	10.0094805	282	0.9908576	1
60	0.1741222	7218	10.7610000	0.3186579	7390	10.7553952	10.0095324	283	0.9908153	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Dist	Coord.	Tang.	Dist	Coang.	Secant	D	Continue	
0	0 9999999		10 7191012	0 2599999	6740	10 7173477	10 0000034			
1	0 9999998	0435	10 7191012	0 2599999	6740	10 7173477	10 0000034	245	0 9999998	60
2	0 9999997	0870	10 7191012	0 2599999	6740	10 7173477	10 0000034	246	0 9999997	59
3	0 9999996	1305	10 7191012	0 2599999	6740	10 7173477	10 0000034	247	0 9999996	58
4	0 9999995	1740	10 7191012	0 2599999	6740	10 7173477	10 0000034	248	0 9999995	57
5	0 9999994	2175	10 7191012	0 2599999	6740	10 7173477	10 0000034	249	0 9999994	56
6	0 9999993	2610	10 7191012	0 2599999	6740	10 7173477	10 0000034	250	0 9999993	55
7	0 9999992	3045	10 7191012	0 2599999	6740	10 7173477	10 0000034	251	0 9999992	54
8	0 9999991	3480	10 7191012	0 2599999	6740	10 7173477	10 0000034	252	0 9999991	53
9	0 9999990	3915	10 7191012	0 2599999	6740	10 7173477	10 0000034	253	0 9999990	52
10	0 9999989	4350	10 7191012	0 2599999	6740	10 7173477	10 0000034	254	0 9999989	51
11	0 9999988	4785	10 7191012	0 2599999	6740	10 7173477	10 0000034	255	0 9999988	50
12	0 9999987	5220	10 7191012	0 2599999	6740	10 7173477	10 0000034	256	0 9999987	49
13	0 9999986	5655	10 7191012	0 2599999	6740	10 7173477	10 0000034	257	0 9999986	48
14	0 9999985	6090	10 7191012	0 2599999	6740	10 7173477	10 0000034	258	0 9999985	47
15	0 9999984	6525	10 7191012	0 2599999	6740	10 7173477	10 0000034	259	0 9999984	46
16	0 9999983	6960	10 7191012	0 2599999	6740	10 7173477	10 0000034	260	0 9999983	45
17	0 9999982	7395	10 7191012	0 2599999	6740	10 7173477	10 0000034	261	0 9999982	44
18	0 9999981	7830	10 7191012	0 2599999	6740	10 7173477	10 0000034	262	0 9999981	43
19	0 9999980	8265	10 7191012	0 2599999	6740	10 7173477	10 0000034	263	0 9999980	42
20	0 9999979	8700	10 7191012	0 2599999	6740	10 7173477	10 0000034	264	0 9999979	41
21	0 9999978	9135	10 7191012	0 2599999	6740	10 7173477	10 0000034	265	0 9999978	40
22	0 9999977	9570	10 7191012	0 2599999	6740	10 7173477	10 0000034	266	0 9999977	39
23	0 9999976	10005	10 7191012	0 2599999	6740	10 7173477	10 0000034	267	0 9999976	38
24	0 9999975	10440	10 7191012	0 2599999	6740	10 7173477	10 0000034	268	0 9999975	37
25	0 9999974	10875	10 7191012	0 2599999	6740	10 7173477	10 0000034	269	0 9999974	36
26	0 9999973	11310	10 7191012	0 2599999	6740	10 7173477	10 0000034	270	0 9999973	35
27	0 9999972	11745	10 7191012	0 2599999	6740	10 7173477	10 0000034	271	0 9999972	34
28	0 9999971	12180	10 7191012	0 2599999	6740	10 7173477	10 0000034	272	0 9999971	33
29	0 9999970	12615	10 7191012	0 2599999	6740	10 7173477	10 0000034	273	0 9999970	32
30	0 9999969	13050	10 7191012	0 2599999	6740	10 7173477	10 0000034	274	0 9999969	31
31	0 9999968	13485	10 7191012	0 2599999	6740	10 7173477	10 0000034	275	0 9999968	30
32	0 9999967	13920	10 7191012	0 2599999	6740	10 7173477	10 0000034	276	0 9999967	29
33	0 9999966	14355	10 7191012	0 2599999	6740	10 7173477	10 0000034	277	0 9999966	28
34	0 9999965	14790	10 7191012	0 2599999	6740	10 7173477	10 0000034	278	0 9999965	27
35	0 9999964	15225	10 7191012	0 2599999	6740	10 7173477	10 0000034	279	0 9999964	26
36	0 9999963	15660	10 7191012	0 2599999	6740	10 7173477	10 0000034	280	0 9999963	25
37	0 9999962	16095	10 7191012	0 2599999	6740	10 7173477	10 0000034	281	0 9999962	24
38	0 9999961	16530	10 7191012	0 2599999	6740	10 7173477	10 0000034	282	0 9999961	23
39	0 9999960	16965	10 7191012	0 2599999	6740	10 7173477	10 0000034	283	0 9999960	22
40	0 9999959	17400	10 7191012	0 2599999	6740	10 7173477	10 0000034	284	0 9999959	21
41	0 9999958	17835	10 7191012	0 2599999	6740	10 7173477	10 0000034	285	0 9999958	20
42	0 9999957	18270	10 7191012	0 2599999	6740	10 7173477	10 0000034	286	0 9999957	19
43	0 9999956	18705	10 7191012	0 2599999	6740	10 7173477	10 0000034	287	0 9999956	18
44	0 9999955	19140	10 7191012	0 2599999	6740	10 7173477	10 0000034	288	0 9999955	17
45	0 9999954	19575	10 7191012	0 2599999	6740	10 7173477	10 0000034	289	0 9999954	16
46	0 9999953	20010	10 7191012	0 2599999	6740	10 7173477	10 0000034	290	0 9999953	15
47	0 9999952	20445	10 7191012	0 2599999	6740	10 7173477	10 0000034	291	0 9999952	14
48	0 9999951	20880	10 7191012	0 2599999	6740	10 7173477	10 0000034	292	0 9999951	13
49	0 9999950	21315	10 7191012	0 2599999	6740	10 7173477	10 0000034	293	0 9999950	12
50	0 9999949	21750	10 7191012	0 2599999	6740	10 7173477	10 0000034	294	0 9999949	11
51	0 9999948	22185	10 7191012	0 2599999	6740	10 7173477	10 0000034	295	0 9999948	10
52	0 9999947	22620	10 7191012	0 2599999	6740	10 7173477	10 0000034	296	0 9999947	9
53	0 9999946	23055	10 7191012	0 2599999	6740	10 7173477	10 0000034	297	0 9999946	8
54	0 9999945	23490	10 7191012	0 2599999	6740	10 7173477	10 0000034	298	0 9999945	7
55	0 9999944	23925	10 7191012	0 2599999	6740	10 7173477	10 0000034	299	0 9999944	6
56	0 9999943	24360	10 7191012	0 2599999	6740	10 7173477	10 0000034	300	0 9999943	5
57	0 9999942	24795	10 7191012	0 2599999	6740	10 7173477	10 0000034	301	0 9999942	4
58	0 9999941	25230	10 7191012	0 2599999	6740	10 7173477	10 0000034	302	0 9999941	3
59	0 9999940	25665	10 7191012	0 2599999	6740	10 7173477	10 0000034	303	0 9999940	2
60	0 9999939	26100	10 7191012	0 2599999	6740	10 7173477	10 0000034	304	0 9999939	1

Co-line	Dist	Secant	Coang.	Dist	Tang.	Coord.	Dist	Sine
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TANGENTS, AND SECANTS.

12 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.2178783	6039	10.6821211	0.3274745	6208	10.6725255	10.0035050	263	0.9901044	60
1	0.2184728	6041	10.6815272	0.3279443	6200	10.6719047	10.0035225	269	0.99003775	59
2	0.2190650	6042	10.6809341	0.3284153	6192	10.6712847	10.0035494	268	0.99003506	58
3	0.2196551	6044	10.6803410	0.3288865	6183	10.6706655	10.0035763	270	0.99003237	57
4	0.2202435	6045	10.6797505	0.3293582	6176	10.6700472	10.0036033	271	0.99002967	56
5	0.2208300	6047	10.6791600	0.3298304	6168	10.6694296	10.0036303	271	0.99002697	55
6	0.2214157	6049	10.6785703	0.3303031	6159	10.6688123	10.0036574	271	0.99002426	54
7	0.2220006	6050	10.6779814	0.3307761	6152	10.6681950	10.0036845	272	0.99002155	53
8	0.2225846	6052	10.6773931	0.3312493	6144	10.6675781	10.0037117	271	0.99001883	52
9	0.2231678	6054	10.6768052	0.3317227	6136	10.6669613	10.0037388	273	0.99001612	51
10	0.2237502	6055	10.6762198	0.3321963	6128	10.6663457	10.0037661	272	0.99001330	50
11	0.2243317	6058	10.6756348	0.3326701	6120	10.6657303	10.0037933	273	0.99001067	49
12	0.2249124	6059	10.6750495	0.3331441	6112	10.6651152	10.0038206	273	0.99000794	48
13	0.2254923	6060	10.6744656	0.3336183	6104	10.6645003	10.0038479	274	0.99000521	47
14	0.2260714	6063	10.6738820	0.3340927	6097	10.6638857	10.0038753	274	0.99000247	46
15	0.2266507	6064	10.6732993	0.3345672	6089	10.6632710	10.0039027	275	0.98999973	45
16	0.2272291	6066	10.6727169	0.3350418	6081	10.6626567	10.0039302	275	0.98999708	44
17	0.2278076	6069	10.6721353	0.3355165	6073	10.6620426	10.0039577	275	0.98999443	43
18	0.2283861	6070	10.6715544	0.3359913	6066	10.6614283	10.0039852	276	0.98999178	42
19	0.2289646	6072	10.6709731	0.3364662	6058	10.6608143	10.0040127	276	0.98998913	41
20	0.2295431	6073	10.6703922	0.3369412	6050	10.6602003	10.0040403	277	0.98998648	40
21	0.2301216	6076	10.6698115	0.3374163	6043	10.6595863	10.0040678	277	0.98998383	39
22	0.2306999	6077	10.6692312	0.3378915	6035	10.6589723	10.0040953	277	0.98998118	38
23	0.2312783	6079	10.6686512	0.3383668	6027	10.6583584	10.0041228	277	0.98997853	37
24	0.2318566	6080	10.6680715	0.3388422	6020	10.6577445	10.0041503	278	0.98997588	36
25	0.2324349	6082	10.6674922	0.3393176	6012	10.6571306	10.0041778	279	0.98997323	35
26	0.2330132	6083	10.6669132	0.3397931	6005	10.6565167	10.0042053	278	0.98997058	34
27	0.2335915	6085	10.6663345	0.3402686	5997	10.6559028	10.0042328	280	0.98996793	33
28	0.2341698	6086	10.6657562	0.3407442	5990	10.6552889	10.0042603	280	0.98996528	32
29	0.2347481	6088	10.6651775	0.3412198	5982	10.6546750	10.0042878	280	0.98996263	31
30	0.2353264	6089	10.6645992	0.3416954	5976	10.6540611	10.0043153	280	0.98996008	30
31	0.2359047	6091	10.6640208	0.3421710	5967	10.6534472	10.0043428	281	0.98995743	29
32	0.2364830	6092	10.6634425	0.3426466	5960	10.6528333	10.0043703	281	0.98995478	28
33	0.2370613	6094	10.6628642	0.3431222	5953	10.6522194	10.0043978	281	0.98995213	27
34	0.2376396	6095	10.6622859	0.3435978	5946	10.6516055	10.0044253	282	0.98994948	26
35	0.2382179	6096	10.6617076	0.3440734	5938	10.6509916	10.0044528	282	0.98994683	25
36	0.2387962	6098	10.6611293	0.3445490	5930	10.6503777	10.0044803	283	0.98994418	24
37	0.2393745	6100	10.6605510	0.3450246	5923	10.6497638	10.0045078	283	0.98994153	23
38	0.2399528	6101	10.6600000	0.3454999	5916	10.6491499	10.0045353	284	0.98993888	22
39	0.2405311	6102	10.6594489	0.3459753	5909	10.6485360	10.0045628	284	0.98993623	21
40	0.2411094	6103	10.6588978	0.3464507	5901	10.6479221	10.0045903	284	0.98993358	20
41	0.2416877	6105	10.6583467	0.3469261	5894	10.6473082	10.0046178	285	0.98993093	19
42	0.2422660	6106	10.6577956	0.3474015	5887	10.6466943	10.0046453	285	0.98992828	18
43	0.2428443	6107	10.6572445	0.3478769	5880	10.6460804	10.0046728	285	0.98992563	17
44	0.2434226	6108	10.6566934	0.3483523	5873	10.6454665	10.0047003	286	0.98992298	16
45	0.2439999	6109	10.6561423	0.3488277	5866	10.6448526	10.0047278	286	0.98992033	15
46	0.2445782	6110	10.6555912	0.3493031	5859	10.6442387	10.0047553	287	0.98991768	14
47	0.2451565	6111	10.6550401	0.3497785	5851	10.6436248	10.0047828	287	0.98991503	13
48	0.2457348	6112	10.6544890	0.3502539	5844	10.6430109	10.0048103	287	0.98991238	12
49	0.2463131	6113	10.6539379	0.3507293	5837	10.6423970	10.0048378	288	0.98990973	11
50	0.2468914	6114	10.6533868	0.3512047	5830	10.6417831	10.0048653	288	0.98990708	10
51	0.2474697	6115	10.6528357	0.3516801	5823	10.6411692	10.0048928	289	0.98990443	9
52	0.2480480	6116	10.6522846	0.3521555	5816	10.6405553	10.0049203	289	0.98990178	8
53	0.2486263	6117	10.6517335	0.3526309	5809	10.6399414	10.0049478	289	0.98989913	7
54	0.2492046	6118	10.6511824	0.3531063	5801	10.6393275	10.0049753	290	0.98989648	6
55	0.2497829	6119	10.6506313	0.3535817	5795	10.6387136	10.0050028	290	0.98989383	5
56	0.2503612	6120	10.6500802	0.3540571	5788	10.6380997	10.0050303	291	0.98989118	4
57	0.2509395	6121	10.6495291	0.3545325	5781	10.6374858	10.0050578	291	0.98988853	3
58	0.2515178	6122	10.6489780	0.3550079	5774	10.6368719	10.0050853	292	0.98988588	2
59	0.2520961	6123	10.6484269	0.3554833	5767	10.6362580	10.0051128	292	0.98988323	1
60	0.2526744	6124	10.6478758	0.3559587	5760	10.6356441	10.0051403	293	0.98988058	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	9 350680		10 6473120	9 833641	2700	19 7300359	10 011 761		9 988 239	60
1	9 350742	5409	10 6473051	9 833640	2700	19 7300359	10 011 761	29	9 988 240	59
2	9 350804	5408	10 6472982	9 833639	2700	19 7300359	10 011 761	28	9 988 241	58
3	9 350866	5407	10 6472913	9 833638	2700	19 7300359	10 011 761	27	9 988 242	57
4	9 350928	5406	10 6472844	9 833637	2700	19 7300359	10 011 761	26	9 988 243	56
5	9 350990	5405	10 6472775	9 833636	2700	19 7300359	10 011 761	25	9 988 244	55
6	9 351052	5404	10 6472706	9 833635	2700	19 7300359	10 011 761	24	9 988 245	54
7	9 351114	5403	10 6472637	9 833634	2700	19 7300359	10 011 761	23	9 988 246	53
8	9 351176	5402	10 6472568	9 833633	2700	19 7300359	10 011 761	22	9 988 247	52
9	9 351238	5401	10 6472499	9 833632	2700	19 7300359	10 011 761	21	9 988 248	51
10	9 351300	5400	10 6472430	9 833631	2700	19 7300359	10 011 761	20	9 988 249	50
11	9 351362	5399	10 6472361	9 833630	2700	19 7300359	10 011 761	19	9 988 250	49
12	9 351424	5398	10 6472292	9 833629	2700	19 7300359	10 011 761	18	9 988 251	48
13	9 351486	5397	10 6472223	9 833628	2700	19 7300359	10 011 761	17	9 988 252	47
14	9 351548	5396	10 6472154	9 833627	2700	19 7300359	10 011 761	16	9 988 253	46
15	9 351610	5395	10 6472085	9 833626	2700	19 7300359	10 011 761	15	9 988 254	45
16	9 351672	5394	10 6472016	9 833625	2700	19 7300359	10 011 761	14	9 988 255	44
17	9 351734	5393	10 6471947	9 833624	2700	19 7300359	10 011 761	13	9 988 256	43
18	9 351796	5392	10 6471878	9 833623	2700	19 7300359	10 011 761	12	9 988 257	42
19	9 351858	5391	10 6471809	9 833622	2700	19 7300359	10 011 761	11	9 988 258	41
20	9 351920	5390	10 6471740	9 833621	2700	19 7300359	10 011 761	10	9 988 259	40
21	9 351982	5389	10 6471671	9 833620	2700	19 7300359	10 011 761	9	9 988 260	39
22	9 352044	5388	10 6471602	9 833619	2700	19 7300359	10 011 761	8	9 988 261	38
23	9 352106	5387	10 6471533	9 833618	2700	19 7300359	10 011 761	7	9 988 262	37
24	9 352168	5386	10 6471464	9 833617	2700	19 7300359	10 011 761	6	9 988 263	36
25	9 352230	5385	10 6471395	9 833616	2700	19 7300359	10 011 761	5	9 988 264	35
26	9 352292	5384	10 6471326	9 833615	2700	19 7300359	10 011 761	4	9 988 265	34
27	9 352354	5383	10 6471257	9 833614	2700	19 7300359	10 011 761	3	9 988 266	33
28	9 352416	5382	10 6471188	9 833613	2700	19 7300359	10 011 761	2	9 988 267	32
29	9 352478	5381	10 6471119	9 833612	2700	19 7300359	10 011 761	1	9 988 268	31
30	9 352540	5380	10 6471050	9 833611	2700	19 7300359	10 011 761	0	9 988 269	30
31	9 352602	5379	10 6470981	9 833610	2700	19 7300359	10 011 761		9 988 270	29
32	9 352664	5378	10 6470912	9 833609	2700	19 7300359	10 011 761		9 988 271	28
33	9 352726	5377	10 6470843	9 833608	2700	19 7300359	10 011 761		9 988 272	27
34	9 352788	5376	10 6470774	9 833607	2700	19 7300359	10 011 761		9 988 273	26
35	9 352850	5375	10 6470705	9 833606	2700	19 7300359	10 011 761		9 988 274	25
36	9 352912	5374	10 6470636	9 833605	2700	19 7300359	10 011 761		9 988 275	24
37	9 352974	5373	10 6470567	9 833604	2700	19 7300359	10 011 761		9 988 276	23
38	9 353036	5372	10 6470498	9 833603	2700	19 7300359	10 011 761		9 988 277	22
39	9 353098	5371	10 6470429	9 833602	2700	19 7300359	10 011 761		9 988 278	21
40	9 353160	5370	10 6470360	9 833601	2700	19 7300359	10 011 761		9 988 279	20
41	9 353222	5369	10 6470291	9 833600	2700	19 7300359	10 011 761		9 988 280	19
42	9 353284	5368	10 6470222	9 833599	2700	19 7300359	10 011 761		9 988 281	18
43	9 353346	5367	10 6470153	9 833598	2700	19 7300359	10 011 761		9 988 282	17
44	9 353408	5366	10 6470084	9 833597	2700	19 7300359	10 011 761		9 988 283	16
45	9 353470	5365	10 6470015	9 833596	2700	19 7300359	10 011 761		9 988 284	15
46	9 353532	5364	10 6469946	9 833595	2700	19 7300359	10 011 761		9 988 285	14
47	9 353594	5363	10 6469877	9 833594	2700	19 7300359	10 011 761		9 988 286	13
48	9 353656	5362	10 6469808	9 833593	2700	19 7300359	10 011 761		9 988 287	12
49	9 353718	5361	10 6469739	9 833592	2700	19 7300359	10 011 761		9 988 288	11
50	9 353780	5360	10 6469670	9 833591	2700	19 7300359	10 011 761		9 988 289	10
51	9 353842	5359	10 6469601	9 833590	2700	19 7300359	10 011 761		9 988 290	9
52	9 353904	5358	10 6469532	9 833589	2700	19 7300359	10 011 761		9 988 291	8
53	9 353966	5357	10 6469463	9 833588	2700	19 7300359	10 011 761		9 988 292	7
54	9 354028	5356	10 6469394	9 833587	2700	19 7300359	10 011 761		9 988 293	6
55	9 354090	5355	10 6469325	9 833586	2700	19 7300359	10 011 761		9 988 294	5
56	9 354152	5354	10 6469256	9 833585	2700	19 7300359	10 011 761		9 988 295	4
57	9 354214	5353	10 6469187	9 833584	2700	19 7300359	10 011 761		9 988 296	3
58	9 354276	5352	10 6469118	9 833583	2700	19 7300359	10 011 761		9 988 297	2
59	9 354338	5351	10 6469049	9 833582	2700	19 7300359	10 011 761		9 988 298	1
60	9 354400	5350	10 6468980	9 833581	2700	19 7300359	10 011 761		9 988 299	0
	9 354462	5349	10 6468911	9 833580	2700	19 7300359	10 011 761		9 988 300	
	9 354524	5348	10 6468842	9 833579	2700	19 7300359	10 011 761		9 988 301	
	9 354586	5347	10 6468773	9 833578	2700	19 7300359	10 011 761		9 988 302	
	9 354648	5346	10 6468704	9 833577	2700	19 7300359	10 011 761		9 988 303	
	9 354710	5345	10 6468635	9 833576	2700	19 7300359	10 011 761		9 988 304	
	9 354772	5344	10 6468566	9 833575	2700	19 7300359	10 011 761		9 988 305	
	9 354834	5343	10 6468497	9 833574	2700	19 7300359	10 011 761		9 988 306	
	9 354896	5342	10 6468428	9 833573	2700	19 7300359	10 011 761		9 988 307	
	9 354958	5341	10 6468359	9 833572	2700	19 7300359	10 011 761		9 988 308	
	9 355020	5340	10 6468290	9 833571	2700	19 7300359	10 011 761		9 988 309	
	9 355082	5339	10 6468221	9 833570	2700	19 7300359	10 011 761		9 988 310	
	9 355144	5338	10 6468152	9 833569	2700	19 7300359	10 011 761		9 988 311	
	9 355206	5337	10 6468083	9 833568	2700	19 7300359	10 011 761		9 988 312	
	9 355268	5336	10 6468014	9 833567	2700	19 7300359	10 011 761		9 988 313	
	9 355330	5335	10 6467945	9 833566	2700	19 7300359	10 011 761		9 988 314	
	9 355392	5334	10 6467876	9 833565	2700	19 7300359	10 011 761		9 988 315	
	9 355454	5333	10 6467807	9 833564	2700	19 7300359	10 011 761		9 988 316	
	9 355516	5332	10 6467738	9 833563	2700	19 7300359	10 011 761		9 988 317	
	9 355578	5331	10 6467669	9 833562	2700	19 7300359	10 011 761		9 988 318	
	9 355640	5330	10 6467600	9 833561	2700	19 7300359	10 011 761		9 988 319	
	9 355702	5329	10 6467531	9 833560	2700	19 7300359	10 011 761		9 988 320	
	9 355764	5328	10 6467462	9 833559	2700	19 7300359	10 011 761		9 988 321	
	9 355826	5327	10 6467393	9 833558	2700	19 7300359	10 011 761		9 988 322	
	9 355888	5326	10 6467324	9 833557	2700	19 7300359	10 011 761		9 988 323	
	9 355950	5325	10 6467255	9 833556	2700	19 7300359	10 011 761		9 988 324	
	9 356012	5324	10 6467186	9 833555	2700	19 7300359	10 011 761		9 988 325	
	9 356074	5323	10 6467117	9 833554	2700	19 7300359	10 011 761		9 988 326	
	9 356136	5322	10 6467048	9 833553	2700	19 7300359	10 011 761		9 988 327	
	9 356198	5321	10 6466979	9 833552	2700	19 7300359	10 011 761		9 988 328	
	9 356260	5320	10 6466910	9 833551	2700	19 7300359	10 011 761		9 988 329	
	9 356322	5319	10 6466841	9 833550	2700	19 7300359	10 011 761		9 988 330	
	9 356384	5318	10 6466772	9 833549	2700	19 7300359	10 011 761		9 988 331	
	9 356446	5317	10 6466703	9 833548	2700	19 7300359	10 011 761		9 988 332	
	9 356508	5316	10 6466634	9 833547	2700	19 7300359	10 011 761		9 988 333	
	9 356570	5315	10 6466565	9 833546	2700	19 7300359	10 011 761		9 988 334	
	9 356632	5314	10 6466496	9 833545	2700	19 7300359	10 011 761		9 988 335	
	9 356694	5313	10 6466427	9 833544	2700	19 7300359	10 011 761		9 988 336	
	9 356756	5312	10 6466358	9 833543	2700	19 7300359	10 011 761		9 988 337	
	9 356818	5311	10 6466289	9 833542	2700	19 7300359	10 011 761		9 988 338</	

TANGENTS, AND SECANTS

14 Deg.

	Sine	Dif.	Cosec.	Tang.	Dif.	Cotang.	Secant	D.	Cosine	
0	0.336752	5003	10.6103248	0.3367711	5378	10.6032339	10.0130050	315	0.9869041	66
1	0.3341516	6058	10.6158185	0.3373039	5374	10.6026311	10.0131274	310	0.9868726	63
2	0.3316573	5151	10.6153127	0.3378463	5367	10.6021537	10.0131590	310	0.9868410	60
3	0.3291924	5045	10.6148070	0.3383870	5361	10.6016170	10.0131806	318	0.9868094	57
4	0.3267609	5539	10.6143031	0.3389319	5356	10.6010809	10.0132222	317	0.9867778	56
5	0.3243603	6032	10.6137992	0.3394767	5349	10.6005453	10.0132539	317	0.9867461	55
6	0.3219904	6527	10.6132950	0.3399930	5344	10.6000101	10.0132856	317	0.9867144	54
7	0.3196497	5020	10.6127923	0.4005240	5338	10.5994760	10.0133173	318	0.9866827	53
8	0.3173297	5014	10.6122912	0.4010578	5332	10.5989422	10.0133491	318	0.9866509	52
9	0.3150301	5008	10.6117899	0.4015910	5327	10.5984090	10.0133809	319	0.9866191	51
10	0.3127509	5002	10.6112891	0.4021237	5321	10.5978763	10.0134128	319	0.9865872	50
11	0.3104911	4995	10.6107889	0.4026563	5315	10.5973442	10.0134447	320	0.9865553	49
12	0.3082516	4990	10.6102894	0.4031873	5309	10.5968127	10.0134767	320	0.9865233	48
13	0.3060306	4983	10.6097904	0.4037182	5304	10.5962818	10.0135087	320	0.9864913	47
14	0.3038279	4978	10.6092921	0.4042486	5298	10.5957514	10.0135407	320	0.9864593	46
15	0.3016437	4971	10.6087943	0.4047784	5292	10.5952216	10.0135727	321	0.9864273	45
16	0.2994783	4965	10.6082972	0.4053076	5287	10.5946924	10.0136048	322	0.9863952	44
17	0.2973313	4959	10.6078007	0.4058363	5281	10.5941637	10.0136370	322	0.9863630	43
18	0.2952025	4953	10.6073043	0.4063644	5275	10.5936356	10.0136692	322	0.9863308	42
19	0.2930915	4947	10.6068085	0.4068919	5270	10.5931081	10.0137014	323	0.9862989	41
20	0.2910082	4942	10.6063148	0.4074189	5264	10.5925811	10.0137337	323	0.9862668	40
21	0.2889519	4935	10.6058206	0.4079453	5259	10.5920547	10.0137660	323	0.9862340	39
22	0.2869226	4929	10.6053271	0.4084712	5253	10.5915283	10.0137983	324	0.9862017	38
23	0.2849199	4923	10.6048342	0.4089965	5247	10.5910035	10.0138307	324	0.9861693	37
24	0.2829431	4918	10.6043410	0.4095212	5242	10.5904788	10.0138631	324	0.9861369	36
25	0.2809919	4911	10.6038501	0.4100454	5236	10.5899546	10.0138955	325	0.9861046	35
26	0.2790564	4905	10.6033590	0.4105690	5231	10.5894310	10.0139280	326	0.9860720	34
27	0.2771365	4900	10.6028685	0.4110921	5225	10.5889079	10.0139606	326	0.9860394	33
28	0.2752315	4894	10.6023785	0.4116146	5220	10.5883854	10.0139931	327	0.9860069	32
29	0.2733419	4887	10.6018891	0.4121366	5215	10.5878634	10.0140258	327	0.9859742	31
30	0.2714676	4882	10.6014004	0.4126581	5208	10.5873410	10.0140584	327	0.9859416	30
31	0.2696087	4876	10.6009122	0.4131789	5201	10.5868211	10.0140911	327	0.9859089	29
32	0.2677654	4871	10.6004240	0.4136993	5195	10.5863007	10.0141239	328	0.9858762	28
33	0.2659375	4864	10.6000375	0.4142191	5192	10.5857809	10.0141566	328	0.9858434	27
34	0.2641249	4859	10.5996511	0.4147383	5187	10.5852617	10.0141894	329	0.9858100	26
35	0.2623274	4853	10.5992652	0.4152570	5182	10.5847430	10.0142223	329	0.9857777	25
36	0.2605450	4847	10.5988799	0.4157752	5179	10.5842248	10.0142551	330	0.9857449	24
37	0.2587776	4841	10.5984952	0.4162928	5171	10.5837072	10.0142881	329	0.9857110	23
38	0.2570250	4835	10.5981111	0.4168099	5166	10.5831901	10.0143210	330	0.9856770	22
39	0.2552872	4830	10.5977276	0.4173265	5160	10.5826735	10.0143540	331	0.9856430	21
40	0.2535642	4824	10.5973440	0.4178425	5155	10.5821576	10.0143871	331	0.9856092	20
41	0.2518558	4818	10.5969622	0.4183580	5149	10.5816420	10.0144202	331	0.9855758	19
42	0.2501619	4813	10.5965801	0.4188729	5145	10.5811271	10.0144533	332	0.9855427	18
43	0.2484825	4807	10.5962001	0.4193874	5139	10.5806120	10.0144865	332	0.9855093	17
44	0.2468176	4801	10.5958214	0.4199013	5133	10.5800967	10.0145197	332	0.9854765	16
45	0.2451671	4796	10.5954433	0.4204140	5129	10.5795824	10.0145529	333	0.9854431	15
46	0.2435313	4790	10.5950657	0.4209275	5123	10.5790675	10.0145862	333	0.9854108	14
47	0.2419103	4784	10.5946897	0.4214413	5117	10.5785522	10.0146195	334	0.9853785	13
48	0.2403041	4779	10.5943153	0.4219555	5113	10.5780365	10.0146529	334	0.9853471	12
49	0.2387126	4773	10.5939424	0.4224693	5107	10.5775205	10.0146862	335	0.9853158	11
50	0.2371358	4767	10.5935701	0.4229835	5103	10.5770050	10.0147197	335	0.9852850	10
51	0.2355736	4762	10.5931984	0.4234983	6007	10.5764892	10.0147532	335	0.9852543	9
52	0.2340259	4756	10.5928272	0.4240135	6001	10.5759735	10.0147867	335	0.9852233	8
53	0.2324926	4751	10.5924566	0.4245290	6007	10.5754577	10.0148202	336	0.9851928	7
54	0.2309737	4745	10.5920865	0.4250441	6011	10.5749420	10.0148538	337	0.9851622	6
55	0.2294692	4739	10.5917169	0.4255594	6017	10.5744263	10.0148875	338	0.9851315	5
56	0.2279791	4734	10.5913478	0.4260751	6021	10.5739105	10.0149211	337	0.9851012	4
57	0.2265034	4729	10.5909792	0.4265912	6026	10.5733945	10.0149548	338	0.9850714	3
58	0.2250421	4723	10.5906111	0.4271077	6031	10.5728783	10.0149886	338	0.9850414	2
59	0.2235952	4717	10.5902435	0.4276246	6036	10.5723621	10.0150224	339	0.9850117	1
60	0.2221627	4711	10.5898763	0.4281419	6041	10.5718457	10.0150562	339	0.9849822	0
	Cosine	Dif.	Secant	Cotang.	Dif.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Co-sec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	9 4129062	4712	10 5870033	9 4299255	6050	10 5719475	10 0150582			
1	9 4134074	4707	10 5865320	9 4295375	6046	10 5714425	10 0150500	339	9 9847453	60
2	9 4139081	4701	10 5860619	9 4291491	6040	10 5709379	10 0150420	339	9 9843070	59
3	9 4144082	4696	10 5855913	9 4287601	6036	10 5704330	10 0150340	340	9 9838700	58
4	9 4149078	4690	10 5851222	9 4283707	6030	10 5699282	10 0150260	339	9 9834320	57
5	9 4154063	4684	10 5846532	9 4279817	6026	10 5694234	10 0150180	341	9 9829940	56
6	9 4158152	4680	10 5841843	9 4275923	6020	10 5689187	10 0150100	340	9 9825560	55
7	9 4163232	4674	10 5837163	9 4272033	6016	10 5684140	10 0150020	341	9 9821180	54
8	9 4168306	4668	10 5832494	9 4268139	6010	10 5679093	10 0149940	342	9 9816800	53
9	9 4173374	4663	10 5827826	9 4264250	6005	10 5674046	10 0149860	342	9 9812420	52
10	9 4178437	4658	10 5823163	9 4260356	6001	10 5668999	10 0149780	342	9 9808040	51
11	9 4183495	4653	10 5818505	9 4256467	5997	10 5663952	10 0149700	343	9 9803660	50
12	9 4188543	4647	10 5813852	9 4252573	5993	10 5658905	10 0149620	343	9 9799280	49
13	9 4193590	4641	10 5809205	9 4248679	5989	10 5653858	10 0149540	343	9 9794900	48
14	9 4198635	4637	10 5804564	9 4244785	5985	10 5648811	10 0149460	344	9 9790520	47
15	9 4203673	4631	10 5799927	9 4240891	5981	10 5643764	10 0149380	344	9 9786140	46
16	9 4208704	4626	10 5795296	9 4236997	5976	10 5638717	10 0149300	345	9 9781760	45
17	9 4213730	4620	10 5790670	9 4233104	5971	10 5633670	10 0149220	345	9 9777380	44
18	9 4218756	4618	10 5786050	9 4229210	5966	10 5628623	10 0149140	345	9 9773000	43
19	9 4223786	4610	10 5781434	9 4225316	5961	10 5623576	10 0149060	346	9 9768620	42
20	9 4228810	4604	10 5776824	9 4221423	5956	10 5618529	10 0148980	346	9 9764240	41
21	9 4233830	4600	10 5772220	9 4217529	5951	10 5613482	10 0148900	347	9 9759860	40
22	9 4238850	4594	10 5767620	9 4213635	5947	10 5608435	10 0148820	347	9 9755480	39
23	9 4243867	4589	10 5763025	9 4209741	5941	10 5603388	10 0148740	347	9 9751100	38
24	9 4248883	4584	10 5758437	9 4205847	5937	10 5598341	10 0148660	348	9 9746720	37
25	9 4253897	4579	10 5753853	9 4201953	5932	10 5593294	10 0148580	348	9 9742340	36
26	9 4258908	4573	10 5749274	9 4198059	5927	10 5588247	10 0148500	349	9 9737960	35
27	9 4263919	4568	10 5744701	9 4194165	5923	10 5583200	10 0148420	349	9 9733580	34
28	9 4268927	4563	10 5740133	9 4190271	5917	10 5578153	10 0148340	349	9 9729200	33
29	9 4273933	4558	10 5735570	9 4186377	5913	10 5573106	10 0148260	350	9 9724820	32
30	9 4278938	4553	10 5731012	9 4182483	5908	10 5568059	10 0148180	350	9 9720440	31
31	9 4283941	4548	10 5726460	9 4178589	5903	10 5563012	10 0148100	351	9 9716060	30
32	9 4288943	4543	10 5721911	9 4174695	5899	10 5557965	10 0148020	351	9 9711680	29
33	9 4293943	4538	10 5717360	9 4170801	5894	10 5552918	10 0147940	352	9 9707300	28
34	9 4298941	4533	10 5712831	9 4166907	5889	10 5547871	10 0147860	352	9 9702920	27
35	9 4303937	4527	10 5708299	9 4163013	5884	10 5542824	10 0147780	353	9 9698540	26
36	9 4308932	4523	10 5703772	9 4159119	5880	10 5537777	10 0147700	353	9 9694160	25
37	9 4313926	4518	10 5699250	9 4155225	5875	10 5532730	10 0147620	354	9 9689780	24
38	9 4318919	4512	10 5694723	9 4151331	5871	10 5527683	10 0147540	354	9 9685400	23
39	9 4323911	4507	10 5690201	9 4147437	5866	10 5522636	10 0147460	354	9 9681020	22
40	9 4328902	4502	10 5685674	9 4143543	5861	10 5517589	10 0147380	355	9 9676640	21
41	9 4333893	4497	10 5681152	9 4139649	5857	10 5512542	10 0147300	355	9 9672260	20
42	9 4338883	4492	10 5676635	9 4135755	5852	10 5507495	10 0147220	355	9 9667880	19
43	9 4343872	4487	10 5672113	9 4131861	5847	10 5502448	10 0147140	356	9 9663500	18
44	9 4348860	4482	10 5667596	9 4127967	5843	10 5497401	10 0147060	356	9 9659120	17
45	9 4353848	4477	10 5663074	9 4124073	5838	10 5492354	10 0146980	356	9 9654740	16
46	9 4358835	4471	10 5658557	9 4120179	5833	10 5487307	10 0146900	357	9 9650360	15
47	9 4363821	4467	10 5654036	9 4116285	5829	10 5482260	10 0146820	357	9 9645980	14
48	9 4368806	4462	10 5649519	9 4112391	5825	10 5477213	10 0146740	357	9 9641600	13
49	9 4373790	4457	10 5645002	9 4108497	5820	10 5472166	10 0146660	358	9 9637220	12
50	9 4378773	4452	10 5640480	9 4104603	5816	10 5467119	10 0146580	358	9 9632840	11
51	9 4383755	4445	10 5635963	9 4100709	5811	10 5462072	10 0146500	358	9 9628460	10
52	9 4388736	4442	10 5631442	9 4096815	5806	10 5457025	10 0146420	359	9 9624080	9
53	9 4393716	4437	10 5626925	9 4092921	5801	10 5451978	10 0146340	359	9 9619700	8
54	9 4398695	4433	10 5622404	9 4089027	5797	10 5446931	10 0146260	359	9 9615320	7
55	9 4403673	4427	10 5617887	9 4085133	5793	10 5441884	10 0146180	360	9 9610940	6
56	9 4408651	4423	10 5613366	9 4081239	5788	10 5436837	10 0146100	361	9 9606560	5
57	9 4413628	4418	10 5608845	9 4077345	5784	10 5431790	10 0146020	361	9 9602180	4
58	9 4418604	4413	10 5604324	9 4073451	5779	10 5426743	10 0145940	362	9 9597800	3
59	9 4423579	4408	10 5600002	9 4069557	5775	10 5421696	10 0145860	362	9 9593420	2
60	9 4428553	4403	10 5595681	9 4065663	5770	10 5416649	10 0145780	362	9 9589040	1

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.4403351	4403	10.5590619	0.4574934	4763	10.5425068	10.0171684	562	0.9382316	60
1	0.4407781	4403	10.5592216	0.4579750	4761	10.5420270	10.0171940	563	0.9382054	59
2	0.4412182	4403	10.5593818	0.4584571	4757	10.5415509	10.0172309	563	0.9381791	58
3	0.4416570	4403	10.5595424	0.4589395	4753	10.5410762	10.0172672	564	0.9381528	57
4	0.4420935	4404	10.5597035	0.4594201	4748	10.5406009	10.0173036	564	0.9381264	56
5	0.4425282	4404	10.5598651	0.4598978	4743	10.5401251	10.0173400	564	0.9381000	55
6	0.4429628	4404	10.5599972	0.4603792	4740	10.5396503	10.0173764	565	0.9380736	54
7	0.4433963	4405	10.5601307	0.4608622	4735	10.5391768	10.0174129	565	0.9380471	53
8	0.4438287	4405	10.5602658	0.4613467	4730	10.5387033	10.0174494	565	0.9380206	52
9	0.4442601	4405	10.5604015	0.4618327	4726	10.5382293	10.0174858	566	0.9379941	51
10	0.4446917	4406	10.5605380	0.4623192	4722	10.5377557	10.0175222	566	0.9379676	50
11	0.4451223	4406	10.5606744	0.4628063	4718	10.5372855	10.0175587	567	0.9379411	49
12	0.4455529	4406	10.5608109	0.4632939	4713	10.5368137	10.0175952	567	0.9379146	48
13	0.4459825	4407	10.5609476	0.4637820	4709	10.5363424	10.0176326	568	0.9378881	47
14	0.4464121	4407	10.5610843	0.4642705	4705	10.5358715	10.0176699	568	0.9378616	46
15	0.4468417	4407	10.5612210	0.4647590	4700	10.5354010	10.0177062	569	0.9378351	45
16	0.4472713	4408	10.5613577	0.4652475	4696	10.5349310	10.0177431	569	0.9378086	44
17	0.4477009	4408	10.5614944	0.4657360	4692	10.5344614	10.0177799	570	0.9377821	43
18	0.4481305	4409	10.5616311	0.4662245	4687	10.5339922	10.0178167	570	0.9377556	42
19	0.4485601	4409	10.5617678	0.4667130	4683	10.5335235	10.0178535	570	0.9377291	41
20	0.4489897	4410	10.5619045	0.4672015	4679	10.5330552	10.0178903	571	0.9377026	40
21	0.4494193	4410	10.5620412	0.4676900	4675	10.5325873	10.0179279	571	0.9376761	39
22	0.4498489	4411	10.5621779	0.4681785	4671	10.5321195	10.0179649	572	0.9376496	38
23	0.4502785	4411	10.5623146	0.4686670	4666	10.5316527	10.0180021	572	0.9376231	37
24	0.4507081	4412	10.5624513	0.4691555	4662	10.5311861	10.0180392	572	0.9375966	36
25	0.4511377	4412	10.5625880	0.4696440	4658	10.5307199	10.0180764	573	0.9375701	35
26	0.4515673	4413	10.5627247	0.4701325	4653	10.5302541	10.0181137	573	0.9375436	34
27	0.4519969	4413	10.5628614	0.4706210	4650	10.5297883	10.0181510	573	0.9375171	33
28	0.4524265	4414	10.5630000	0.4711095	4645	10.5293228	10.0181883	573	0.9374906	32
29	0.4528561	4414	10.5631386	0.4715980	4641	10.5288573	10.0182255	574	0.9374641	31
30	0.4532857	4415	10.5632771	0.4720865	4637	10.5283915	10.0182630	575	0.9374376	30
31	0.4537153	4415	10.5634157	0.4725750	4633	10.5279256	10.0183005	576	0.9374111	29
32	0.4541449	4416	10.5635542	0.4730635	4629	10.5274602	10.0183380	576	0.9373846	28
33	0.4545745	4416	10.5636928	0.4735520	4625	10.5270003	10.0183755	577	0.9373581	27
34	0.4550041	4417	10.5638313	0.4740405	4620	10.5265403	10.0184130	577	0.9373316	26
35	0.4554337	4417	10.5639699	0.4745290	4616	10.5260803	10.0184506	577	0.9373051	25
36	0.4558633	4418	10.5641084	0.4750175	4612	10.5256209	10.0184883	577	0.9372786	24
37	0.4562929	4418	10.5642469	0.4755060	4608	10.5251619	10.0185260	577	0.9372521	23
38	0.4567225	4419	10.5643854	0.4759945	4604	10.5247037	10.0185637	577	0.9372256	22
39	0.4571521	4419	10.5645239	0.4764830	4600	10.5242457	10.0186014	578	0.9371991	21
40	0.4575817	4420	10.5646624	0.4769715	4596	10.5237877	10.0186392	579	0.9371726	20
41	0.4580113	4420	10.5648009	0.4774600	4592	10.5233297	10.0186771	579	0.9371461	19
42	0.4584409	4421	10.5649394	0.4779485	4588	10.5228719	10.0187150	579	0.9371196	18
43	0.4588705	4421	10.5650779	0.4784370	4583	10.5224141	10.0187529	580	0.9370931	17
44	0.4593001	4422	10.5652164	0.4789255	4580	10.5219563	10.0187908	580	0.9370666	16
45	0.4597297	4422	10.5653549	0.4794140	4576	10.5214985	10.0188289	580	0.9370401	15
46	0.4601593	4423	10.5654934	0.4799025	4571	10.5210407	10.0188669	581	0.9370136	14
47	0.4605889	4423	10.5656319	0.4803910	4567	10.5205829	10.0189050	581	0.9369871	13
48	0.4610185	4424	10.5657704	0.4808795	4563	10.5201251	10.0189431	582	0.9369606	12
49	0.4614481	4424	10.5659089	0.4813680	4559	10.5196673	10.0189812	582	0.9369341	11
50	0.4618777	4425	10.5660474	0.4818565	4555	10.5192100	10.0190193	582	0.9369076	10
51	0.4623073	4425	10.5661859	0.4823450	4552	10.5187522	10.0190577	583	0.9368811	9
52	0.4627369	4426	10.5663244	0.4828335	4548	10.5182944	10.0190960	583	0.9368546	8
53	0.4631665	4426	10.5664629	0.4833220	4544	10.5178366	10.0191343	584	0.9368281	7
54	0.4635961	4427	10.5666014	0.4838105	4540	10.5173788	10.0191727	584	0.9368016	6
55	0.4640257	4427	10.5667399	0.4842990	4536	10.5169210	10.0192111	584	0.9367751	5
56	0.4644553	4428	10.5668784	0.4847875	4532	10.5164632	10.0192495	585	0.9367486	4
57	0.4648849	4428	10.5670169	0.4852760	4528	10.5160054	10.0192879	585	0.9367221	3
58	0.4653145	4429	10.5671554	0.4857645	4524	10.5155476	10.0193263	586	0.9366956	2
59	0.4657441	4429	10.5672939	0.4862530	4520	10.5150898	10.0193647	586	0.9366691	1
60	0.4661737	4430	10.5674324	0.4867415	4516	10.5146320	10.0194031	587	0.9366426	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Co-sec.	Tang.	Diff.	Cotang.	Secant	D.	Co-line	
0	0 4870353		10 5340647	0 4953300		10 5146010	10 0194037			
1	0 4871143	4170	10 5338517	0 4954507	4317	10 5144273	10 0194423	388	0 9806783	60
2	0 4871930	4126	10 5336391	0 4955714	4313	10 5142531	10 0194810	387	0 9806577	59
3	0 4872717	4121	10 5334270	0 4956922	4309	10 5140787	10 0195197	387	0 9806370	58
4	0 4873504	4118	10 5332152	0 4958133	4305	10 5139042	10 0195585	388	0 9806163	57
5	0 4874290	4112	10 5330040	0 4959343	4300	10 5137297	10 0195973	388	0 9805956	56
6	0 4875076	4109	10 5327931	0 4960558	4297	10 5135552	10 0196361	389	0 9805749	55
7	0 4875863	4104	10 5325827	0 4961774	4294	10 5133807	10 0196750	389	0 9805542	54
8	0 4876649	4100	10 5323727	0 4962991	4290	10 5132062	10 0197139	390	0 9805335	53
9	0 4877436	4096	10 5321631	0 4964209	4286	10 5130317	10 0197528	390	0 9805128	52
10	0 4878222	4092	10 5319539	0 4965428	4282	10 5128572	10 0197917	390	0 9804921	51
11	0 4879009	4087	10 5317452	0 4966648	4278	10 5126827	10 0198306	391	0 9804714	50
12	0 4879795	4083	10 5315369	0 4967869	4274	10 5125082	10 0198695	391	0 9804507	49
13	0 4880582	4079	10 5313290	0 4969091	4270	10 5123337	10 0199084	391	0 9804300	48
14	0 4881368	4075	10 5311215	0 4970314	4267	10 5121592	10 0199473	392	0 9804093	47
15	0 4882154	4071	10 5309144	0 4971538	4263	10 5119847	10 0199862	392	0 9803886	46
16	0 4882940	4066	10 5307077	0 4972763	4259	10 5118102	10 0200251	392	0 9803679	45
17	0 4883726	4063	10 5305015	0 4973989	4256	10 5116357	10 0200640	393	0 9803472	44
18	0 4884512	4058	10 5302957	0 4975216	4251	10 5114612	10 0201029	393	0 9803265	43
19	0 4885298	4054	10 5300903	0 4976443	4248	10 5112867	10 0201418	394	0 9803058	42
20	0 4886084	4049	10 5298854	0 4977670	4243	10 5111122	10 0201807	394	0 9802851	41
21	0 4886870	4046	10 5296808	0 4978897	4241	10 5109377	10 0202196	394	0 9802644	40
22	0 4887656	4043	10 5294766	0 4980125	4236	10 5107632	10 0202585	395	0 9802437	39
23	0 4888442	4037	10 5292729	0 4981353	4233	10 5105887	10 0202974	395	0 9802230	38
24	0 4889228	4033	10 5290696	0 4982581	4229	10 5104142	10 0203363	395	0 9802023	37
25	0 4890014	4028	10 5288666	0 4983810	4225	10 5102397	10 0203752	396	0 9801816	36
26	0 4890800	4023	10 5286639	0 4985039	4222	10 5100652	10 0204141	397	0 9801609	35
27	0 4891586	4021	10 5284615	0 4986268	4217	10 5098907	10 0204530	397	0 9801402	34
28	0 4892372	4016	10 5282594	0 4987497	4215	10 5097162	10 0204919	397	0 9801195	33
29	0 4893158	4013	10 5280576	0 4988726	4213	10 5095417	10 0205308	398	0 9800988	32
30	0 4893944	4009	10 5278561	0 4989955	4207	10 5093672	10 0205697	398	0 9800781	31
31	0 4894730	4005	10 5276548	0 4991184	4203	10 5091927	10 0206086	399	0 9800574	30
32	0 4895516	4000	10 5274537	0 4992413	4200	10 5090182	10 0206475	400	0 9800367	29
33	0 4896302	3997	10 5272529	0 4993642	4196	10 5088437	10 0206864	400	0 9800160	28
34	0 4897088	3992	10 5270524	0 4994871	4193	10 5086692	10 0207253	400	0 9799953	27
35	0 4897874	3988	10 5268521	0 4996100	4189	10 5084947	10 0207642	401	0 9799746	26
36	0 4898660	3984	10 5266520	0 4997329	4185	10 5083202	10 0208031	401	0 9799539	25
37	0 4899446	3981	10 5264521	0 4998558	4181	10 5081457	10 0208420	401	0 9799332	24
38	0 4900232	3976	10 5262524	0 4999787	4177	10 5079712	10 0208809	401	0 9799125	23
39	0 4901018	3973	10 5260529	0 5001016	4174	10 5077967	10 0209198	402	0 9798918	22
40	0 4901804	3968	10 5258536	0 5002245	4171	10 5076222	10 0209587	402	0 9798711	21
41	0 4902590	3965	10 5256544	0 5003474	4167	10 5074477	10 0209976	403	0 9798504	20
42	0 4903376	3960	10 5254553	0 5004703	4163	10 5072732	10 0210365	403	0 9798297	19
43	0 4904162	3957	10 5252563	0 5005932	4160	10 5070987	10 0210754	403	0 9798090	18
44	0 4904948	3952	10 5250574	0 5007161	4156	10 5069242	10 0211143	404	0 9797883	17
45	0 4905734	3947	10 5248586	0 5008390	4153	10 5067497	10 0211532	404	0 9797676	16
46	0 4906520	3944	10 5246599	0 5009619	4149	10 5065752	10 0211921	405	0 9797469	15
47	0 4907306	3941	10 5244613	0 5010848	4146	10 5064007	10 0212310	405	0 9797262	14
48	0 4908092	3937	10 5242628	0 5012077	4142	10 5062262	10 0212699	405	0 9797055	13
49	0 4908878	3932	10 5240644	0 5013306	4139	10 5060517	10 0213088	406	0 9796848	12
50	0 4909664	3928	10 5238661	0 5014535	4135	10 5058772	10 0213477	406	0 9796641	11
51	0 4910450	3925	10 5236679	0 5015764	4132	10 5057027	10 0213866	407	0 9796434	10
52	0 4911236	3921	10 5234698	0 5016993	4128	10 5055282	10 0214255	407	0 9796227	9
53	0 4912022	3917	10 5232718	0 5018222	4125	10 5053537	10 0214644	407	0 9796020	8
54	0 4912808	3914	10 5230739	0 5019451	4121	10 5051792	10 0215033	408	0 9795813	7
55	0 4913594	3909	10 5228761	0 5020680	4117	10 5050047	10 0215422	408	0 9795606	6
56	0 4914380	3905	10 5226784	0 5021909	4115	10 5048302	10 0215811	409	0 9795399	5
57	0 4915166	3902	10 5224808	0 5023138	4110	10 5046557	10 0216200	409	0 9795192	4
58	0 4915952	3898	10 5222833	0 5024367	4107	10 5044812	10 0216589	410	0 9794985	3
59	0 4916738	3894	10 5220859	0 5025596	4103	10 5043067	10 0216978	410	0 9794778	2
60	0 4917524	3890	10 5218886	0 5026825	4100	10 5041322	10 0217367	411	0 9794571	1
									0 9794364	0

Cosine

Diff.

Secant

Cotang.

Diff.

Tang.

Co-sec.

D.

Sine

TANGENTS, AND SECANTS.

18 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	9 4993824	3856	10 5100176	0 5117760	4297	10 4882240	10 0217937	410	0 9782003	60
1	9 4997710	3852	10 5096290	0 5122077	4291	10 4877913	10 0218347	412	0 9781653	59
2	9 4997572	3850	10 5092103	0 5126351	4290	10 487 619	10 0218759	411	0 9781211	58
3	9 4991171	3854	10 5085629	0 5130611	4286	10 487 979	10 0219170	412	0 9780830	57
4	9 4991545	3871	10 5084675	0 5134927	4283	10 4855073	10 0219582	412	0 9780418	56
5	9 4991216	3867	10 5080784	0 5139210	4280	10 4860790	10 0219994	413	0 9780006	55
6	9 4992592	3863	10 5079317	0 5143490	4276	10 4856510	10 0220407	413	0 9779593	54
7	9 4992416	3860	10 5075054	0 5147760	4273	10 4852231	10 0220820	414	0 9779180	53
8	9 4991093	3855	10 5069194	0 5152030	4270	10 4847961	10 0221231	413	0 9778766	52
9	9 4991661	3852	10 5065299	0 5156309	4268	10 484 691	10 0221647	415	0 9778353	51
10	9 4992513	3845	10 5061457	0 5160575	4263	10 4839125	10 0222062	415	0 9777938	50
11	9 4992 61	3844	10 5057633	0 5164838	4259	10 4835102	10 0222477	415	0 9777523	49
12	9 4992605	3841	10 5053785	0 5169097	4256	10 4830903	10 0222892	416	0 9777108	48
13	9 4992616	3837	10 5049954	0 5173353	4253	10 4826617	10 0223307	416	0 9776693	47
14	9 4992583	3835	10 5046117	0 5177606	4249	10 4822394	10 0223723	417	0 9776277	46
15	9 4992716	3829	10 5042284	0 5181855	4246	10 4818145	10 0224140	416	0 9775860	45
16	9 4991546	3825	10 5038445	0 5186101	4243	10 4813899	10 0224556	416	0 9775444	44
17	9 4991370	3822	10 5034620	0 5190344	4239	10 4809656	10 0224974	417	0 9775026	43
18	9 4991192	3818	10 5030803	0 5194583	4236	10 4805417	10 0225391	418	0 9774609	42
19	9 4992910	3814	10 5026990	0 5198819	4233	10 4801181	10 0225809	419	0 9774191	41
20	9 4992624	3811	10 5023176	0 5203052	4230	10 4796948	10 0226228	418	0 9773772	40
21	9 4992625	3807	10 5019365	0 5207282	4226	10 4792718	10 0226646	420	0 9773354	39
22	9 4992442	3803	10 5015549	0 5211508	4222	10 4788492	10 0227066	419	0 9772934	38
23	9 4992246	3800	10 5011735	0 5215730	4220	10 4784270	10 0227485	420	0 9772517	37
24	9 4992045	3795	10 5007920	0 5219950	4216	10 4779990	10 0227905	421	0 9772095	36
25	9 4991840	3793	10 5004160	0 5224166	4213	10 4775834	10 0228326	421	0 9771674	35
26	9 4992631	3788	10 5000387	0 5228379	4210	10 4771621	10 0228747	421	0 9771253	34
27	9 4992421	3785	10 4996570	0 5232589	4206	10 4767411	10 0229168	422	0 9770832	33
28	9 4992206	3781	10 4992794	0 5236795	4204	10 4763205	10 0229590	422	0 9770410	32
29	9 4991987	3781	10 4988913	0 5240999	4201	10 4759001	10 0230012	422	0 9769988	31
30	9 4991761	3777	10 4985026	0 5245199	4198	10 4754801	10 0230434	423	0 9769566	30
31	9 4991538	3770	10 4981162	0 5249395	4194	10 4750605	10 0230857	423	0 9769143	29
32	9 4991316	3767	10 4977325	0 5253589	4190	10 4746411	10 0231280	424	0 9768720	28
33	9 4991097	3763	10 4973492	0 5257779	4187	10 4742221	10 0231704	424	0 9768296	27
34	9 4990873	3759	10 4969663	0 5261966	4184	10 4738034	10 0232123	425	0 9767872	26
35	9 4990650	3756	10 4965830	0 5266150	4181	10 4733850	10 0232553	426	0 9767447	25
36	9 4990423	3752	10 4962047	0 5270331	4177	10 4729669	10 0232978	425	0 9767022	24
37	9 4990195	3745	10 4958295	0 5274503	4174	10 4725492	10 0233403	426	0 9766597	23
38	9 4989963	3745	10 4954517	0 5278682	4171	10 4721318	10 0233829	426	0 9766171	22
39	9 4989733	3745	10 4950742	0 5282853	4168	10 4717147	10 0234255	427	0 9765745	21
40	9 4989503	3741	10 4946961	0 5287021	4165	10 4712979	10 0234682	427	0 9765319	20
41	9 4989277	3738	10 4943193	0 5291186	4161	10 4708814	10 0235109	427	0 9764891	19
42	9 4989041	3731	10 4939418	0 5295347	4158	10 4704653	10 0235536	428	0 9764464	18
43	9 4988807	3727	10 4935638	0 5299505	4156	10 4700495	10 0235964	428	0 9764036	17
44	9 4988573	3723	10 4931853	0 5303661	4152	10 4696339	10 0236392	429	0 9763608	16
45	9 4988342	3720	10 4928069	0 5307813	4149	10 4692187	10 0236821	429	0 9763179	15
46	9 4988112	3716	10 4924288	0 5311961	4146	10 4688039	10 0237250	429	0 9762750	14
47	9 4987882	3713	10 4920512	0 5316107	4143	10 4683893	10 0237679	430	0 9762321	13
48	9 4987651	3709	10 4916739	0 5320250	4139	10 4679750	10 0238109	430	0 9761891	12
49	9 4987420	3706	10 4912964	0 5324397	4137	10 4675611	10 0238539	431	0 9761461	11
50	9 4987186	3702	10 4909184	0 5328536	4133	10 4671474	10 0238970	431	0 9761030	10
51	9 4986958	3698	10 4905402	0 5332679	4130	10 4667341	10 0239401	432	0 9760600	9
52	9 4986726	3695	10 4901619	0 5336819	4127	10 4663211	10 0239833	431	0 9760167	8
53	9 4986491	3692	10 4897839	0 5340956	4124	10 4659084	10 0240264	433	0 9759738	7
54	9 4986258	3688	10 4894057	0 5345094	4121	10 4654960	10 0240697	433	0 9759303	6
55	9 4986021	3685	10 4890269	0 5349231	4117	10 4650839	10 0241130	433	0 9758870	5
56	9 4985786	3681	10 4886484	0 5353368	4115	10 4646722	10 0241563	433	0 9758437	4
57	9 4985549	3677	10 4882693	0 5357503	4112	10 4642607	10 0241996	434	0 9758004	3
58	9 4985314	3673	10 4878905	0 5361635	4108	10 4638495	10 0242430	435	0 9757570	2
59	9 4985077	3670	10 4875121	0 5365761	4106	10 4634387	10 0242863	435	0 9757135	1
60	9 4984841	3670	10 4871331	0 5369879	4103	10 4630281	10 0243299	434	0 9756701	0
	Cotang.	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Co-sec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	9 5126419	3667	10 4873581	9 5369719	4102	10 4630281	10 0243299	436	9 9756701	60
1	9 5130086	3684	10 4869914	9 5373382	4099	10 4626617	10 024735	435	9 9753035	59
2	9 5133750	3680	10 4866250	9 5377043	4097	10 4622950	10 0251410	435	9 9749369	58
3	9 5137410	3657	10 4862586	9 5380711	4093	10 4619283	10 0255465	437	9 9745704	57
4	9 5141067	3654	10 4858923	9 5384380	4090	10 4615616	10 0259520	436	9 9742038	56
5	9 5144721	3650	10 4855259	9 5388048	4087	10 4611949	10 0263575	438	9 9738372	55
6	9 5148371	3646	10 4851595	9 5391715	4084	10 4608282	10 0267630	437	9 9734706	54
7	9 5152017	3643	10 4847932	9 5395382	4081	10 4604615	10 0271685	438	9 9731040	53
8	9 5155660	3640	10 4844268	9 5400050	4078	10 4600948	10 0275740	439	9 9727374	52
9	9 5159303	3638	10 4840604	9 5403717	4075	10 4597281	10 0279795	439	9 9723708	51
10	9 5162943	3633	10 4836940	9 5407384	4072	10 4593614	10 0283850	440	9 9720042	50
11	9 5166589	3629	10 4833276	9 5411051	4069	10 4589947	10 0287905	440	9 9716376	49
12	9 5170233	3626	10 4829612	9 5414718	4066	10 4586280	10 0291960	441	9 9712710	48
13	9 5173874	3623	10 4825948	9 5418385	4064	10 4582613	10 0296015	441	9 9709044	47
14	9 5177517	3619	10 4822284	9 5422052	4060	10 4578946	10 0299970	441	9 9705378	46
15	9 5181156	3616	10 4818620	9 5425719	4057	10 4575279	10 0304025	441	9 9701712	45
16	9 5184795	3613	10 4814956	9 5429386	4054	10 4571612	10 0308080	442	9 9698046	44
17	9 5188435	3609	10 4811292	9 5433053	4052	10 4567945	10 0312135	442	9 9694380	43
18	9 5192074	3606	10 4807628	9 5436719	4049	10 4564278	10 0316190	443	9 9690714	42
19	9 5195713	3602	10 4803964	9 5440386	4045	10 4560611	10 0320245	443	9 9687048	41
20	9 5199352	3599	10 4800300	9 5444053	4043	10 4556944	10 0324300	443	9 9683382	40
21	9 5202991	3596	10 4796636	9 5447719	4040	10 4553277	10 0328355	444	9 9679716	39
22	9 5206630	3592	10 4792972	9 5451386	4036	10 4549610	10 0332410	444	9 9676050	38
23	9 5210269	3589	10 4789308	9 5455053	4034	10 4545943	10 0336465	445	9 9672384	37
24	9 5213908	3586	10 4785644	9 5458719	4031	10 4542276	10 0340520	445	9 9668718	36
25	9 5217547	3582	10 4781980	9 5462386	4028	10 4538609	10 0344575	445	9 9665052	35
26	9 5221186	3579	10 4778316	9 5466053	4025	10 4534942	10 0348630	446	9 9661386	34
27	9 5224825	3576	10 4774652	9 5469719	4022	10 4531275	10 0352685	446	9 9657720	33
28	9 5228464	3572	10 4770988	9 5473386	4019	10 4527608	10 0356740	447	9 9654054	32
29	9 5232103	3570	10 4767324	9 5477053	4016	10 4523941	10 0360795	447	9 9650388	31
30	9 5235742	3565	10 4763660	9 5480719	4013	10 4520274	10 0364850	448	9 9646722	30
31	9 5239381	3563	10 4760000	9 5484386	4011	10 4516607	10 0368905	448	9 9643056	29
32	9 5243020	3559	10 4756336	9 5488053	4008	10 4512940	10 0372960	448	9 9639390	28
33	9 5246659	3556	10 4752672	9 5491719	4004	10 4509273	10 0377015	449	9 9635724	27
34	9 5250298	3553	10 4749008	9 5495386	4002	10 4505606	10 0381070	449	9 9632058	26
35	9 5253937	3549	10 4745344	9 5499053	3999	10 4501939	10 0385125	450	9 9628392	25
36	9 5257576	3546	10 4741680	9 5502719	3997	10 4498272	10 0389180	450	9 9624726	24
37	9 5261215	3543	10 4738016	9 5506386	3993	10 4494605	10 0393235	451	9 9621060	23
38	9 5264854	3540	10 4734352	9 5510053	3990	10 4490938	10 0397290	451	9 9617394	22
39	9 5268493	3536	10 4730688	9 5513719	3988	10 4487271	10 0401345	451	9 9613728	21
40	9 5272132	3534	10 4727024	9 5517386	3985	10 4483604	10 0405400	452	9 9610062	20
41	9 5275771	3529	10 4723360	9 5521053	3982	10 4479937	10 0409455	452	9 9606396	19
42	9 5279410	3527	10 4719696	9 5524719	3979	10 4476270	10 0413510	452	9 9602730	18
43	9 5283049	3524	10 4716032	9 5528386	3977	10 4472603	10 0417565	453	9 9599064	17
44	9 5286688	3520	10 4712368	9 5532053	3973	10 4468936	10 0421620	453	9 9595398	16
45	9 5290327	3517	10 4708704	9 5535719	3971	10 4465269	10 0425675	454	9 9591732	15
46	9 5293966	3514	10 4705040	9 5539386	3968	10 4461602	10 0429730	454	9 9588066	14
47	9 5297605	3510	10 4701376	9 5543053	3965	10 4457935	10 0433785	455	9 9584400	13
48	9 5301244	3508	10 4697712	9 5546719	3963	10 4454268	10 0437840	455	9 9580734	12
49	9 5304883	3504	10 4694048	9 5550386	3959	10 4450601	10 0441895	456	9 9577068	11
50	9 5308522	3501	10 4690384	9 5554053	3957	10 4446934	10 0445950	455	9 9573402	10
51	9 5312161	3498	10 4686720	9 5557719	3954	10 4443267	10 0450005	457	9 9569736	9
52	9 5315800	3494	10 4683056	9 5561386	3952	10 4439600	10 0454060	456	9 9566070	8
53	9 5319439	3492	10 4679392	9 5565053	3949	10 4435933	10 0458115	457	9 9562404	7
54	9 5323078	3488	10 4675728	9 5568719	3946	10 4432266	10 0462170	458	9 9558738	6
55	9 5326717	3485	10 4672064	9 5572386	3943	10 4428600	10 0466225	458	9 9555072	5
56	9 5330356	3482	10 4668400	9 5576053	3940	10 4424933	10 0470280	458	9 9551406	4
57	9 5333995	3479	10 4664736	9 5579719	3938	10 4421266	10 0474335	459	9 9547740	3
58	9 5337634	3475	10 4661072	9 5583386	3935	10 4417600	10 0478390	459	9 9544074	2
59	9 5341273	3473	10 4657408	9 5587053	3932	10 4413933	10 0482445	460	9 9540408	1
60	9 5344912	3473	10 4653744	9 5590719	3932	10 4410266	10 0486500	460	9 9536742	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Co-sec.	D.	Sine	

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.3420201	3469	10.465483	0.5610669	3929	10.4389241	10.0270142	460	0.9729858	60
1	0.342116	3468	10.4654014	0.5614788	3927	10.4385412	10.0270932	460	0.9729378	59
2	0.342212	3467	10.4653245	0.5618915	3924	10.4381585	10.0271662	461	0.9728898	58
3	0.342308	3466	10.4652485	0.5623043	3921	10.4377761	10.0272393	461	0.9728417	57
4	0.342404	3465	10.4651725	0.5627169	3918	10.4373936	10.0273124	462	0.9727936	56
5	0.342499	3464	10.4650965	0.5631295	3916	10.4370112	10.0273855	462	0.9727455	55
6	0.342595	3463	10.4650205	0.5635421	3913	10.4366287	10.0274586	463	0.9726974	54
7	0.342690	3462	10.4649445	0.5639547	3911	10.4362463	10.0275317	463	0.9726493	53
8	0.342786	3461	10.4648685	0.5643673	3907	10.4358638	10.0276048	464	0.9726012	52
9	0.342881	3460	10.4647925	0.5647799	3906	10.4354814	10.0276779	464	0.9725531	51
10	0.342977	3459	10.4647165	0.5651925	3902	10.4350989	10.0277510	464	0.9725050	50
11	0.343073	3458	10.4646405	0.5656051	3900	10.4347165	10.0278241	465	0.9724569	49
12	0.343169	3457	10.4645645	0.5660177	3897	10.4343341	10.0278972	465	0.9724088	48
13	0.343265	3456	10.4644885	0.5664303	3894	10.4339516	10.0279703	465	0.9723607	47
14	0.343361	3455	10.4644125	0.5668429	3892	10.4335692	10.0280434	466	0.9723126	46
15	0.343457	3454	10.4643365	0.5672555	3889	10.4331867	10.0281165	466	0.9722645	45
16	0.343553	3453	10.4642605	0.5676681	3886	10.4328043	10.0281896	467	0.9722164	44
17	0.343649	3452	10.4641845	0.5680807	3883	10.4324218	10.0282627	467	0.9721683	43
18	0.343745	3451	10.4641085	0.5684933	3881	10.4320394	10.0283358	467	0.9721202	42
19	0.343841	3450	10.4640325	0.5689059	3879	10.4316569	10.0284089	468	0.9720721	41
20	0.343937	3449	10.4639565	0.5693185	3876	10.4312745	10.0284820	469	0.9720240	40
21	0.344033	3448	10.4638805	0.5697311	3873	10.4308920	10.0285551	469	0.9719759	39
22	0.344129	3447	10.4638045	0.5701437	3871	10.4305096	10.0286282	470	0.9719278	38
23	0.344225	3446	10.4637285	0.5705563	3868	10.4301271	10.0287013	470	0.9718797	37
24	0.344321	3445	10.4636525	0.5709689	3865	10.4297447	10.0287744	471	0.9718316	36
25	0.344417	3444	10.4635765	0.5713815	3863	10.4293622	10.0288475	471	0.9717835	35
26	0.344513	3443	10.4635005	0.5717941	3860	10.4289798	10.0289206	471	0.9717354	34
27	0.344609	3442	10.4634245	0.5722067	3858	10.4285973	10.0289937	472	0.9716873	33
28	0.344705	3441	10.4633485	0.5726193	3855	10.4282149	10.0290668	472	0.9716392	32
29	0.344801	3440	10.4632725	0.5730319	3853	10.4278324	10.0291399	472	0.9715911	31
30	0.344897	3439	10.4631965	0.5734445	3850	10.4274500	10.0292130	473	0.9715430	30
31	0.344993	3438	10.4631205	0.5738571	3847	10.4270675	10.0292861	473	0.9714949	29
32	0.345089	3437	10.4630445	0.5742697	3845	10.4266851	10.0293592	474	0.9714468	28
33	0.345185	3436	10.4629685	0.5746823	3842	10.4263026	10.0294323	474	0.9713987	27
34	0.345281	3435	10.4628925	0.5750949	3840	10.4259202	10.0295054	475	0.9713506	26
35	0.345377	3434	10.4628165	0.5755075	3837	10.4255377	10.0295785	475	0.9713025	25
36	0.345473	3433	10.4627405	0.5759201	3834	10.4251553	10.0296516	475	0.9712544	24
37	0.345569	3432	10.4626645	0.5763327	3832	10.4247728	10.0297247	476	0.9712063	23
38	0.345665	3431	10.4625885	0.5767453	3830	10.4243904	10.0297978	476	0.9711582	22
39	0.345761	3430	10.4625125	0.5771579	3827	10.4240079	10.0298709	476	0.9711101	21
40	0.345857	3429	10.4624365	0.5775705	3824	10.4236255	10.0299440	477	0.9710620	20
41	0.345953	3428	10.4623605	0.5779831	3822	10.4232430	10.0300171	477	0.9710139	19
42	0.346049	3427	10.4622845	0.5783957	3819	10.4228606	10.0300902	477	0.9709658	18
43	0.346145	3426	10.4622085	0.5788083	3817	10.4224781	10.0301633	478	0.9709177	17
44	0.346241	3425	10.4621325	0.5792209	3814	10.4220957	10.0302364	478	0.9708696	16
45	0.346337	3424	10.4620565	0.5796335	3812	10.4217132	10.0303095	479	0.9708215	15
46	0.346433	3423	10.4619805	0.5800461	3809	10.4213308	10.0303826	479	0.9707734	14
47	0.346529	3422	10.4619045	0.5804587	3807	10.4209483	10.0304557	480	0.9707253	13
48	0.346625	3421	10.4618285	0.5808713	3804	10.4205659	10.0305288	480	0.9706772	12
49	0.346721	3420	10.4617525	0.5812839	3802	10.4201834	10.0306019	481	0.9706291	11
50	0.346817	3419	10.4616765	0.5816965	3799	10.4198010	10.0306750	481	0.9705810	10
51	0.346913	3418	10.4616005	0.5821091	3797	10.4194185	10.0307481	482	0.9705329	9
52	0.347009	3417	10.4615245	0.5825217	3794	10.4190361	10.0308212	482	0.9704848	8
53	0.347105	3416	10.4614485	0.5829343	3792	10.4186536	10.0308943	483	0.9704367	7
54	0.347201	3415	10.4613725	0.5833469	3789	10.4182712	10.0309674	483	0.9703886	6
55	0.347297	3414	10.4612965	0.5837595	3787	10.4178887	10.0310405	484	0.9703405	5
56	0.347393	3413	10.4612205	0.5841721	3784	10.4175063	10.0311136	484	0.9702924	4
57	0.347489	3412	10.4611445	0.5845847	3782	10.4171238	10.0311867	484	0.9702443	3
58	0.347585	3411	10.4610685	0.5849973	3779	10.4167414	10.0312598	485	0.9701962	2
59	0.347681	3410	10.4609925	0.5854099	3777	10.4163589	10.0313329	485	0.9701481	1
60	0.347777	3409	10.4609165	0.5858225	3774	10.4159765	10.0314060	485	0.9701000	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

LOGARITHMIC SINES,

21 Deg.

	Sine	Diff	Cosec.	Tang	Diff	Cotang	Secant	D.	Cosine	
0	9 5549292		10 4450708	9 5841774	2773	10 4158226	10 0284833	485	9 9701517	60
1	9 5549581	288	10 4450410	9 5845549	2773	10 4154451	10 0284688	485	9 9701662	59
2	9 5549868	287	10 4450112	9 5849321	2772	10 4150679	10 0284543	486	9 9701807	58
3	9 5550152	284	10 4449813	9 5853091	2770	10 4146900	10 0284399	487	9 9701951	57
4	9 5550433	281	10 4449517	9 5856859	2769	10 4143121	10 0284254	487	9 9702095	56
5	9 5550711	278	10 4449220	9 5860624	2762	10 4139348	10 0284109	487	9 9702239	55
6	9 5550987	275	10 4448923	9 5864386	2761	10 4135574	10 0283964	488	9 9702383	54
7	9 5551262	270	10 4448627	9 5868147	2757	10 4131803	10 0283819	488	9 9702527	53
8	9 5551539	270	10 4448331	9 5871907	2756	10 4128030	10 0283674	489	9 9702671	52
9	9 5551814	267	10 4448034	9 5875666	2750	10 4124254	10 0283529	489	9 9702815	51
10	9 5552089	264	10 4447738	9 5879423	2743	10 4120481	10 0283384	489	9 9702959	50
11	9 5552362	261	10 4447441	9 5883179	2739	10 4116708	10 0283239	490	9 9703103	49
12	9 5552637	258	10 4447145	9 5886934	2735	10 4112938	10 0283094	491	9 9703247	48
13	9 5552910	255	10 4446848	9 5890689	2731	10 4109168	10 0282949	490	9 9703391	47
14	9 5553183	252	10 4446552	9 5894443	2727	10 4105398	10 0282804	491	9 9703535	46
15	9 5553456	247	10 4446255	9 5898197	2723	10 4101628	10 0282659	491	9 9703679	45
16	9 5553729	244	10 4445959	9 5901951	2720	10 4097858	10 0282514	492	9 9703823	44
17	9 5553999	241	10 4445662	9 5905705	2716	10 4094088	10 0282369	492	9 9703967	43
18	9 5554272	238	10 4445366	9 5909459	2713	10 4090318	10 0282224	493	9 9704111	42
19	9 5554545	236	10 4445069	9 5913212	2710	10 4086548	10 0282079	493	9 9704255	41
20	9 5554818	233	10 4444773	9 5916966	2707	10 4082778	10 0281934	493	9 9704399	40
21	9 5555091	231	10 4444476	9 5920719	2704	10 4079008	10 0281789	495	9 9704543	39
22	9 5555364	227	10 4444180	9 5924473	2702	10 4075238	10 0281644	494	9 9704687	38
23	9 5555637	225	10 4443883	9 5928226	2700	10 4071468	10 0281499	495	9 9704831	37
24	9 5555910	222	10 4443587	9 5931979	2697	10 4067698	10 0281354	495	9 9704975	36
25	9 5556183	219	10 4443290	9 5935733	2694	10 4063928	10 0281209	496	9 9705119	35
26	9 5556456	217	10 4442994	9 5939486	2691	10 4060158	10 0281064	496	9 9705263	34
27	9 5556729	214	10 4442697	9 5943239	2688	10 4056388	10 0280919	497	9 9705407	33
28	9 5556999	211	10 4442401	9 5946992	2686	10 4052618	10 0280774	497	9 9705551	32
29	9 5557272	208	10 4442104	9 5950746	2683	10 4048848	10 0280629	497	9 9705695	31
30	9 5557545	206	10 4441808	9 5954499	2680	10 4045078	10 0280484	498	9 9705839	30
31	9 5557818	203	10 4441511	9 5958253	2677	10 4041308	10 0280339	498	9 9705983	29
32	9 5558091	200	10 4441215	9 5961999	2675	10 4037538	10 0280194	499	9 9706127	28
33	9 5558364	197	10 4440918	9 5965746	2673	10 4033768	10 0280049	499	9 9706271	27
34	9 5558637	195	10 4440622	9 5969492	2670	10 4029998	10 0279904	499	9 9706415	26
35	9 5558910	192	10 4440325	9 5973239	2668	10 4026228	10 0279759	500	9 9706559	25
36	9 5559183	189	10 4440029	9 5976986	2666	10 4022458	10 0279614	501	9 9706703	24
37	9 5559456	187	10 4439732	9 5980732	2663	10 4018688	10 0279469	501	9 9706847	23
38	9 5559729	184	10 4439436	9 5984479	2661	10 4014918	10 0279324	501	9 9706991	22
39	9 5560002	181	10 4439139	9 5988226	2658	10 4011148	10 0279179	502	9 9707135	21
40	9 5560275	179	10 4438843	9 5991973	2656	10 4007378	10 0279034	502	9 9707279	20
41	9 5560548	176	10 4438546	9 5995719	2654	10 4003608	10 0278889	502	9 9707423	19
42	9 5560821	173	10 4438250	9 5999466	2651	10 4000000	10 0278744	503	9 9707567	18
43	9 5561094	170	10 4437953	9 6003212	2649	10 3996230	10 0278599	503	9 9707711	17
44	9 5561367	168	10 4437657	9 6006959	2647	10 3992460	10 0278454	504	9 9707855	16
45	9 5561640	166	10 4437360	9 6010705	2645	10 3988690	10 0278309	504	9 9707999	15
46	9 5561913	163	10 4437064	9 6014452	2643	10 3984920	10 0278164	505	9 9708143	14
47	9 5562186	160	10 4436767	9 6018199	2641	10 3981150	10 0278019	505	9 9708287	13
48	9 5562459	157	10 4436471	9 6021945	2639	10 3977380	10 0277874	506	9 9708431	12
49	9 5562732	155	10 4436174	9 6025692	2637	10 3973610	10 0277729	506	9 9708575	11
50	9 5563005	152	10 4435878	9 6029438	2635	10 3969840	10 0277584	506	9 9708719	10
51	9 5563278	150	10 4435581	9 6033185	2633	10 3966070	10 0277439	507	9 9708863	9
52	9 5563551	148	10 4435285	9 6036931	2631	10 3962300	10 0277294	507	9 9709007	8
53	9 5563824	146	10 4434988	9 6040678	2629	10 3958530	10 0277149	508	9 9709151	7
54	9 5564097	144	10 4434692	9 6044424	2627	10 3954760	10 0277004	508	9 9709295	6
55	9 5564370	141	10 4434395	9 6048171	2625	10 3950990	10 0276859	508	9 9709439	5
56	9 5564643	139	10 4434100	9 6051917	2623	10 3947220	10 0276714	509	9 9709583	4
57	9 5564916	136	10 4433803	9 6055664	2621	10 3943450	10 0276569	509	9 9709727	3
58	9 5565189	134	10 4433507	9 6059410	2619	10 3939680	10 0276424	510	9 9709871	2
59	9 5565462	132	10 4433210	9 6063157	2617	10 3935910	10 0276279	510	9 9710015	1
60	9 5565735	128	10 4432914	9 6066903						
	Cosine	Diff	Secant	Cotang	Diff	Tang	Cosec.	D.	Sine	

TANGENTS, AND SECANTS.

22 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.5735754	8126	10.4261246	0.6004036	2626	10.3935004	10.0328341	511	0.9671650	60
1	0.5735880	8123	10.4261120	0.6007732	2624	10.3932268	10.0328352	511	0.9671148	59
2	0.5736003	8120	10.4257967	0.6011366	2621	10.3928634	10.0328363	512	0.9670637	58
3	0.5736123	8117	10.4254577	0.6014937	2620	10.3925003	10.0328375	511	0.9670125	57
4	0.5736240	8110	10.4251760	0.6018527	2617	10.3921373	10.0328386	513	0.9669614	56
5	0.5736356	8112	10.4248644	0.6022234	2620	10.3917746	10.0330899	513	0.9669101	55
6	0.5736473	8110	10.4245532	0.6025980	2628	10.3914120	10.0331412	513	0.9668588	54
7	0.5736578	8107	10.4242422	0.6029933	2621	10.3910497	10.0331925	513	0.9668075	53
8	0.5736685	8105	10.4239315	0.6033812	2618	10.3906870	10.0332438	514	0.9667562	52
9	0.5736790	8102	10.4236210	0.6037627	2617	10.3903258	10.0332952	515	0.9667049	51
10	0.5736892	8099	10.4233108	0.6041035	2614	10.3899641	10.0333467	515	0.9666538	50
11	0.5736991	8097	10.4230000	0.6103973	2613	10.3896027	10.0333982	515	0.9666018	49
12	0.5737088	8095	10.4226812	0.6107586	2610	10.3892414	10.0334497	510	0.9665503	48
13	0.5737183	8092	10.4223817	0.6111190	2608	10.3888804	10.0335013	510	0.9664987	47
14	0.5737276	8089	10.4220725	0.6114804	2605	10.3885196	10.0335529	517	0.9664471	46
15	0.5737364	8086	10.4217630	0.6118400	2604	10.3881591	10.0336046	517	0.9663954	45
16	0.5737450	8085	10.4214550	0.6122013	2602	10.3877987	10.0336563	517	0.9663437	44
17	0.5737535	8081	10.4211465	0.6125615	2599	10.3874383	10.0337080	518	0.9662920	43
18	0.5737616	8079	10.4208384	0.6129214	2598	10.3870780	10.0337593	518	0.9662402	42
19	0.5737695	8077	10.4205300	0.6132812	2595	10.3867183	10.0338116	519	0.9661884	41
20	0.5737772	8073	10.4202223	0.6136407	2593	10.3863593	10.0338635	519	0.9661365	40
21	0.5737848	8072	10.4199155	0.6140000	2591	10.3860000	10.0339151	520	0.9660846	39
22	0.5737921	8069	10.4196083	0.6143593	2589	10.3856409	10.0339674	520	0.9660326	38
23	0.5737995	8066	10.4193014	0.6147180	2586	10.3852820	10.0340191	521	0.9659806	37
24	0.5738068	8064	10.4189948	0.6150768	2585	10.3849234	10.0340715	521	0.9659285	36
25	0.5738131	8061	10.4186884	0.6154351	2583	10.3845649	10.0341230	521	0.9658764	35
26	0.5738197	8059	10.4183823	0.6157934	2580	10.3842068	10.0341747	522	0.9658243	34
27	0.5738260	8056	10.4180761	0.6161514	2579	10.3838486	10.0342270	522	0.9657721	33
28	0.5738322	8053	10.4177703	0.6165093	2576	10.3834907	10.0342801	522	0.9657199	32
29	0.5738385	8052	10.4174655	0.6168663	2574	10.3831321	10.0343323	521	0.9656677	31
30	0.5738447	8048	10.4171603	0.6172243	2572	10.3827737	10.0343847	523	0.9656153	30
31	0.5738514	8046	10.4168555	0.6175815	2570	10.3824156	10.0344370	524	0.9655630	29
32	0.5738579	8044	10.4165502	0.6179385	2568	10.3820575	10.0344894	524	0.9655106	28
33	0.5738643	8041	10.4162465	0.6182953	2566	10.3817047	10.0345418	525	0.9654582	27
34	0.5738706	8039	10.4159424	0.6186519	2564	10.3813481	10.0345943	525	0.9654057	26
35	0.5738768	8036	10.4156385	0.6190083	2562	10.3809917	10.0346468	526	0.9653532	25
36	0.5738831	8034	10.4153343	0.6193645	2560	10.3806355	10.0346991	526	0.9653008	24
37	0.5738893	8031	10.4150316	0.6197205	2557	10.3802795	10.0347520	527	0.9652484	23
38	0.5738955	8029	10.4147281	0.6200762	2554	10.3799238	10.0348047	527	0.9651953	22
39	0.5739017	8026	10.4144255	0.6204318	2554	10.3795682	10.0348574	527	0.9651426	21
40	0.5739077	8024	10.4141229	0.6207872	2551	10.3792123	10.0349101	528	0.9650899	20
41	0.5739138	8021	10.4138205	0.6211423	2550	10.3788577	10.0349629	528	0.9650371	19
42	0.5739198	8019	10.4135184	0.6214973	2547	10.3785027	10.0350157	529	0.9649843	18
43	0.5739258	8016	10.4132165	0.6218520	2540	10.3781480	10.0350686	529	0.9649314	17
44	0.5739317	8014	10.4129149	0.6222066	2543	10.3777934	10.0351215	529	0.9648785	16
45	0.5739376	8011	10.4126135	0.6225609	2541	10.3774391	10.0351744	530	0.9648256	15
46	0.5739435	8009	10.4123124	0.6229150	2540	10.3770850	10.0352274	531	0.9647726	14
47	0.5739493	8007	10.4120116	0.6232690	2537	10.3767310	10.0352805	530	0.9647195	13
48	0.5739551	8004	10.4117108	0.6236227	2535	10.3763773	10.0353335	532	0.9646665	12
49	0.5739608	8001	10.4114101	0.6239763	2533	10.3760237	10.0353867	531	0.9646133	11
50	0.5739665	8000	10.4111103	0.6243296	2531	10.3756704	10.0354398	533	0.9645602	10
51	0.5739722	7996	10.4108103	0.6246827	2529	10.3753173	10.0354931	532	0.9645069	9
52	0.5739778	7995	10.4105107	0.6250356	2528	10.3749644	10.0355463	533	0.9644537	8
53	0.5739834	7992	10.4102112	0.6253884	2525	10.3746116	10.0355996	534	0.9644004	7
54	0.5739890	7990	10.4099120	0.6257409	2523	10.3742591	10.0356530	534	0.9643470	6
55	0.5739946	7987	10.4096131	0.6260932	2522	10.3739063	10.0357063	535	0.9642937	5
56	0.5739999	7985	10.4093144	0.6264454	2519	10.3735540	10.0357598	534	0.9642402	4
57	0.5740051	7982	10.4090159	0.6267973	2518	10.3732027	10.0358132	536	0.9641868	3
58	0.5740103	7980	10.4087177	0.6271491	2515	10.3728509	10.0358668	535	0.9641332	2
59	0.5740154	7977	10.4084197	0.6275009	2513	10.3724994	10.0359203	530	0.9640797	1
60	0.5740205		10.4081220	0.6278519		10.3721481	10.0359739		0.9640261	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

LOGARITHMIC SINES,

25 Deg.

	Sine	Diff.	Co-sec.	Tang.	DIK.	Cotang.	Secant	D.	Cosine	
0	0.9017890	2775	10.4081320	0.0276519	2512	10.3721481	10.0359729	537	0.9640261	60
1	0.9017855	2773	10.4079345	0.0276511	2512	10.3717960	10.0357276	537	0.9639724	59
2	0.9017820	2771	10.4077372	0.0276504	2509	10.3714460	10.0354815	537	0.9639187	58
3	0.9017785	2769	10.4075402	0.0276498	2505	10.3710958	10.0352355	538	0.9638650	57
4	0.9017750	2765	10.4073434	0.0276493	2504	10.3707447	10.0349893	538	0.9638113	56
5	0.9017715	2763	10.4071469	0.0276487	2501	10.3703935	10.0347430	538	0.9637576	55
6	0.9017680	2761	10.4069506	0.0276481	2500	10.3700422	10.0344964	540	0.9637039	54
7	0.9017645	2758	10.4067545	0.0276475	2498	10.3696908	10.0342501	539	0.9636502	53
8	0.9017610	2756	10.4065587	0.0276469	2496	10.3693394	10.0340038	540	0.9635965	52
9	0.9017575	2753	10.4063631	0.0276463	2493	10.3689879	10.0337573	540	0.9635428	51
10	0.9017540	2751	10.4061678	0.0276457	2492	10.3686365	10.0335108	541	0.9634891	50
11	0.9017505	2749	10.4059727	0.0276451	2490	10.3682850	10.0332645	541	0.9634354	49
12	0.9017470	2746	10.4057778	0.0276445	2488	10.3679335	10.0330182	542	0.9633817	48
13	0.9017435	2744	10.4055831	0.0276439	2486	10.3675820	10.0327718	542	0.9633280	47
14	0.9017400	2742	10.4053886	0.0276433	2484	10.3672305	10.0325255	543	0.9632743	46
15	0.9017365	2739	10.4051943	0.0276427	2483	10.3668790	10.0322792	543	0.9632206	45
16	0.9017330	2737	10.4049999	0.0276421	2480	10.3665275	10.0320329	543	0.9631669	44
17	0.9017295	2735	10.4048059	0.0276415	2478	10.3661760	10.0317866	544	0.9631132	43
18	0.9017260	2733	10.4046120	0.0276409	2477	10.3658245	10.0315402	544	0.9630595	42
19	0.9017225	2730	10.4044183	0.0276403	2475	10.3654730	10.0312939	545	0.9630058	41
20	0.9017190	2727	10.4042248	0.0276397	2472	10.3651215	10.0310476	545	0.9629521	40
21	0.9017155	2725	10.4040315	0.0276391	2471	10.3647700	10.0308013	546	0.9628984	39
22	0.9017120	2723	10.4038384	0.0276385	2469	10.3644185	10.0305550	546	0.9628447	38
23	0.9017085	2721	10.4036455	0.0276379	2467	10.3640670	10.0303087	546	0.9627910	37
24	0.9017050	2718	10.4034528	0.0276373	2465	10.3637155	10.0300624	547	0.9627373	36
25	0.9017015	2716	10.4032603	0.0276367	2463	10.3633640	10.0298161	547	0.9626836	35
26	0.9016980	2713	10.4030680	0.0276361	2461	10.3630125	10.0295698	549	0.9626299	34
27	0.9016945	2711	10.4028759	0.0276355	2460	10.3626610	10.0293235	548	0.9625762	33
28	0.9016910	2709	10.4026840	0.0276349	2457	10.3623095	10.0290772	549	0.9625225	32
29	0.9016875	2707	10.4024923	0.0276343	2456	10.3619580	10.0288309	549	0.9624688	31
30	0.9016840	2704	10.4023008	0.0276337	2454	10.3616065	10.0285846	550	0.9624151	30
31	0.9016805	2702	10.4021095	0.0276331	2453	10.3612550	10.0283383	550	0.9623614	29
32	0.9016770	2700	10.4019184	0.0276325	2450	10.3609035	10.0280920	550	0.9623077	28
33	0.9016735	2697	10.4017275	0.0276319	2448	10.3605520	10.0278457	551	0.9622540	27
34	0.9016700	2695	10.4015368	0.0276313	2445	10.3602005	10.0275994	551	0.9621999	26
35	0.9016665	2693	10.4013463	0.0276307	2443	10.3598490	10.0273531	552	0.9621462	25
36	0.9016630	2690	10.4011560	0.0276301	2442	10.3594975	10.0271068	552	0.9620925	24
37	0.9016595	2688	10.4009659	0.0276295	2441	10.3591460	10.0268605	553	0.9620388	23
38	0.9016560	2686	10.4007760	0.0276289	2439	10.3587945	10.0266142	553	0.9619851	22
39	0.9016525	2684	10.4005863	0.0276283	2437	10.3584430	10.0263679	553	0.9619314	21
40	0.9016490	2681	10.4003968	0.0276277	2436	10.3580915	10.0261216	554	0.9618777	20
41	0.9016455	2679	10.4002075	0.0276271	2434	10.3577400	10.0258753	554	0.9618240	19
42	0.9016420	2677	10.4000184	0.0276265	2433	10.3573885	10.0256290	554	0.9617703	18
43	0.9016385	2675	10.3998295	0.0276259	2431	10.3570370	10.0253827	555	0.9617166	17
44	0.9016350	2673	10.3996408	0.0276253	2428	10.3566855	10.0251364	555	0.9616629	16
45	0.9016315	2670	10.3994523	0.0276247	2426	10.3563340	10.0248901	555	0.9616092	15
46	0.9016280	2667	10.3992640	0.0276241	2424	10.3559825	10.0246438	557	0.9615555	14
47	0.9016245	2665	10.3990759	0.0276235	2422	10.3556310	10.0243975	556	0.9615018	13
48	0.9016210	2663	10.3988880	0.0276229	2421	10.3552795	10.0241512	558	0.9614481	12
49	0.9016175	2661	10.3987003	0.0276223	2419	10.3549280	10.0239049	558	0.9613944	11
50	0.9016140	2659	10.3985128	0.0276217	2417	10.3545765	10.0236586	558	0.9613407	10
51	0.9016105	2656	10.3983255	0.0276211	2415	10.3542250	10.0234123	559	0.9612870	9
52	0.9016070	2654	10.3981384	0.0276205	2413	10.3538735	10.0231660	559	0.9612333	8
53	0.9016035	2652	10.3979515	0.0276199	2412	10.3535220	10.0229197	560	0.9611796	7
54	0.9016000	2650	10.3977648	0.0276193	2410	10.3531705	10.0226734	560	0.9611259	6
55	0.9015965	2647	10.3975783	0.0276187	2407	10.3528190	10.0224271	560	0.9610722	5
56	0.9015930	2645	10.3973920	0.0276181	2407	10.3524675	10.0221808	561	0.9610185	4
57	0.9015895	2643	10.3972059	0.0276175	2406	10.3521160	10.0219345	561	0.9609648	3
58	0.9015860	2641	10.3970200	0.0276169	2404	10.3517645	10.0216882	562	0.9609111	2
59	0.9015825	2639	10.3968343	0.0276163	2403	10.3514130	10.0214419	562	0.9608574	1
60	0.9015790	2637	10.3966488	0.0276157	2400	10.3510615	10.0211956	562	0.9608037	0
	Cosine	Diff.	Secant	Cotang.	DIK.	Tang.	Co-sec.	D.	Sine	

TANGENTS, AND SECANTS.

24 Deg.

	Sine	Diff.	Correc.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.403133	2330	10.3006367	0.8455831	3399	10.3514169	10.0392795	563	0.9607302	60
1	0.6093963	2334	10.3004031	0.8489220	3395	10.3510770	10.0392861	563	0.9606739	59
2	0.6098903	2332	10.3001107	0.8492028	3395	10.3507372	10.0392824	564	0.9606176	58
3	0.6101025	2330	10.3005365	0.8493973	3394	10.3503977	10.0391368	564	0.9605612	57
4	0.6101465	2328	10.3005535	0.8493417	3392	10.3500583	10.0391032	564	0.9605048	56
5	0.6101723	2326	10.3002707	0.8502029	3390	10.3497101	10.0395516	565	0.9604484	55
6	0.6101118	2325	10.3009832	0.8506109	3388	10.3493801	10.0396081	565	0.9603910	54
7	0.6111241	2321	10.3007059	0.8509587	3387	10.3490413	10.0396646	566	0.9603354	53
8	0.6111562	2318	10.3004238	0.8512074	3385	10.3487020	10.0397212	566	0.9602788	52
9	0.6111880	2317	10.3001420	0.8516569	3383	10.3483641	10.0397778	567	0.9602222	51
10	0.6112137	2314	10.3008603	0.8519742	3381	10.3480253	10.0398345	567	0.9601656	50
11	0.6122211	2312	10.3007859	0.8523123	3380	10.3476877	10.0398912	568	0.9601088	49
12	0.6127023	2310	10.3007277	0.8526503	3378	10.3473497	10.0399480	568	0.9600520	48
13	0.6127883	2308	10.300167	0.8529881	3378	10.3470110	10.0400048	568	0.9600052	47
14	0.6132641	2306	10.3007550	0.8533257	3376	10.3466743	10.0400616	569	0.9599584	46
15	0.6135446	2304	10.3004654	0.8536632	3373	10.3463369	10.0401185	569	0.9599116	45
16	0.6138250	2301	10.3001710	0.8540004	3371	10.3459996	10.0401754	570	0.9598648	44
17	0.6141031	2299	10.3008949	0.8543376	3369	10.3456625	10.0402324	570	0.9598176	43
18	0.6141850	2297	10.3005010	0.8546744	3368	10.3453256	10.0402894	571	0.9597706	42
19	0.6146617	2294	10.3003333	0.8550112	3366	10.3449883	10.0403465	571	0.9597235	41
20	0.6149441	2293	10.3006559	0.8553477	3364	10.3446513	10.0404036	571	0.9596764	40
21	0.6152234	2290	10.3007763	0.8556841	3363	10.3443150	10.0404607	572	0.9596293	39
22	0.6155024	2288	10.3004076	0.8560204	3360	10.3439796	10.0405179	572	0.9595821	38
23	0.6157812	2287	10.3004213	0.8563564	3359	10.3436436	10.0405752	573	0.9595350	37
24	0.6160609	2283	10.3009401	0.8566923	3357	10.3433077	10.0406325	573	0.9594878	36
25	0.6163382	2282	10.3006613	0.8570280	3356	10.3429720	10.0406893	574	0.9594407	35
26	0.6166164	2280	10.3003830	0.8573636	3353	10.3426364	10.0407472	574	0.9593935	34
27	0.6168944	2277	10.3001066	0.8576990	3352	10.3423011	10.0408046	574	0.9593463	33
28	0.6171717	2276	10.3008279	0.8580341	3351	10.3419659	10.0408620	575	0.9592991	32
29	0.6174490	2274	10.3005504	0.8583692	3349	10.3416303	10.0409195	575	0.9592519	31
30	0.6177270	2271	10.3002750	0.8587041	3346	10.3412950	10.0409771	576	0.9592047	30
31	0.6180041	2268	10.3001242	0.8590387	3346	10.3409603	10.0410347	576	0.9591575	29
32	0.6182829	2267	10.3017191	0.8593733	3343	10.3406267	10.0410923	577	0.9591103	28
33	0.6185616	2266	10.3014424	0.8597076	3342	10.3402924	10.0411500	577	0.9590630	27
34	0.6188341	2262	10.3011659	0.8600418	3340	10.3399582	10.0412077	578	0.9590158	26
35	0.6191103	2261	10.3008897	0.8603768	3339	10.3396242	10.0412655	578	0.9589686	25
36	0.6193894	2258	10.3006126	0.8607107	3337	10.3392903	10.0413233	579	0.9589214	24
37	0.6196672	2256	10.3003378	0.8610454	3335	10.3389566	10.0413812	579	0.9588742	23
38	0.6199478	2254	10.3000622	0.8613799	3334	10.3386231	10.0414391	579	0.9588270	22
39	0.6202182	2252	10.3007853	0.8617143	3331	10.3382897	10.0414970	580	0.9587798	21
40	0.6204984	2250	10.3005116	0.8620484	3331	10.3379566	10.0415550	581	0.9587326	20
41	0.6207634	2248	10.3002366	0.8623825	3328	10.3376235	10.0416131	581	0.9586854	19
42	0.6210382	2245	10.3009618	0.8627165	3327	10.3372907	10.0416712	581	0.9586382	18
43	0.6213127	2244	10.3006873	0.8630510	3325	10.3369580	10.0417293	582	0.9585910	17
44	0.6215871	2241	10.3004129	0.8633855	3324	10.3366255	10.0417875	582	0.9585438	16
45	0.6218612	2239	10.3001383	0.8637200	3321	10.3362931	10.0418457	582	0.9584966	15
46	0.6221351	2237	10.3008642	0.8640539	3320	10.3359609	10.0419039	583	0.9584494	14
47	0.6224093	2236	10.3005891	0.8643871	3319	10.3356289	10.0419622	583	0.9584022	13
48	0.6226834	2233	10.3003147	0.8647200	3316	10.3352970	10.0420206	584	0.9583550	12
49	0.6229577	2230	10.3000403	0.8650534	3316	10.3349654	10.0420790	584	0.9583078	11
50	0.6232317	2229	10.3007673	0.8653862	3315	10.3346333	10.0421374	585	0.9582606	10
51	0.6235056	2227	10.3004924	0.8657195	3313	10.3343025	10.0421959	585	0.9582134	9
52	0.6237793	2225	10.3002178	0.8660528	3310	10.3339712	10.0422544	585	0.9581662	8
53	0.6240529	2222	10.3009432	0.8663859	3309	10.3336402	10.0423130	586	0.9581190	7
54	0.6243269	2221	10.3006686	0.8667190	3307	10.3333093	10.0423716	587	0.9580718	6
55	0.6246011	2218	10.3003939	0.8670524	3305	10.3329786	10.0424303	587	0.9580246	5
56	0.6248750	2217	10.3001191	0.8673851	3304	10.3326481	10.0424890	588	0.9579774	4
57	0.6251490	2214	10.3008444	0.8677182	3303	10.3323177	10.0425478	588	0.9579302	3
58	0.6254230	2212	10.3005697	0.8680513	3300	10.3319874	10.0426066	589	0.9578830	2
59	0.6256972	2211	10.3002950	0.8683846	3299	10.3316574	10.0426654	589	0.9578358	1
60	0.6259713	2211	10.3000203	0.8687182	3299	10.3313275	10.0427243	589	0.9577887	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	9 6359493	2708	10 3740517	9 6636725	2708	10 3313775	10 047743	680	9 952257	60
1	9 636 191	2706	10 373 309	9 6636023	2706	10 330977	10 047732	600	9 952168	59
2	9 636 489	2704	10 373 103	9 6635319	2704	10 330576	10 047721	600	9 952078	58
3	9 636 791	2702	10 372 895	9 6634613	2702	10 330175	10 047710	600	9 951988	57
4	9 637 093	2700	10 372 687	9 6633906	2700	10 329774	10 047699	600	9 951897	56
5	9 637 395	2698	10 372 479	9 6633197	2698	10 329373	10 047688	600	9 951806	55
6	9 637 697	2696	10 372 271	9 6632488	2696	10 328972	10 047677	600	9 951715	54
7	9 637 999	2694	10 372 063	9 6631777	2694	10 328571	10 047666	600	9 951624	53
8	9 638 301	2692	10 371 855	9 6631068	2692	10 328170	10 047655	600	9 951533	52
9	9 638 603	2690	10 371 647	9 6630356	2690	10 327769	10 047644	600	9 951442	51
10	9 638 905	2688	10 371 439	9 6629645	2688	10 327368	10 047633	600	9 951351	50
11	9 639 207	2686	10 371 231	9 6628933	2686	10 326967	10 047622	600	9 951260	49
12	9 639 509	2684	10 371 023	9 6628222	2684	10 326566	10 047611	600	9 951169	48
13	9 639 811	2682	10 369 815	9 6627510	2682	10 326165	10 047600	600	9 951078	47
14	9 640 113	2680	10 369 607	9 6626799	2680	10 325764	10 047589	600	9 950987	46
15	9 640 415	2678	10 369 399	9 6626087	2678	10 325363	10 047578	600	9 950896	45
16	9 640 717	2676	10 369 191	9 6625376	2676	10 324962	10 047567	600	9 950805	44
17	9 641 019	2674	10 368 983	9 6624664	2674	10 324561	10 047556	600	9 950714	43
18	9 641 321	2672	10 368 775	9 6623953	2672	10 324160	10 047545	600	9 950623	42
19	9 641 623	2670	10 368 567	9 6623241	2670	10 323759	10 047534	600	9 950532	41
20	9 641 925	2668	10 368 359	9 6622530	2668	10 323358	10 047523	600	9 950441	40
21	9 642 227	2666	10 368 151	9 6621818	2666	10 322957	10 047512	600	9 950350	39
22	9 642 529	2664	10 367 943	9 6621107	2664	10 322556	10 047501	600	9 950259	38
23	9 642 831	2662	10 367 735	9 6620395	2662	10 322155	10 047490	600	9 950168	37
24	9 643 133	2660	10 367 527	9 6619684	2660	10 321754	10 047479	600	9 950077	36
25	9 643 435	2658	10 367 319	9 6618972	2658	10 321353	10 047468	600	9 949986	35
26	9 643 737	2656	10 367 111	9 6618261	2656	10 320952	10 047457	600	9 949895	34
27	9 644 039	2654	10 366 903	9 6617549	2654	10 320551	10 047446	600	9 949804	33
28	9 644 341	2652	10 366 695	9 6616838	2652	10 320150	10 047435	600	9 949713	32
29	9 644 643	2650	10 366 487	9 6616126	2650	10 319749	10 047424	600	9 949622	31
30	9 644 945	2648	10 366 279	9 6615415	2648	10 319348	10 047413	600	9 949531	30
31	9 645 247	2646	10 366 071	9 6614703	2646	10 318947	10 047402	600	9 949440	29
32	9 645 549	2644	10 365 863	9 6613992	2644	10 318546	10 047391	600	9 949349	28
33	9 645 851	2642	10 365 655	9 6613280	2642	10 318145	10 047380	600	9 949258	27
34	9 646 153	2640	10 365 447	9 6612569	2640	10 317744	10 047369	600	9 949167	26
35	9 646 455	2638	10 365 239	9 6611857	2638	10 317343	10 047358	600	9 949076	25
36	9 646 757	2636	10 365 031	9 6611146	2636	10 316942	10 047347	600	9 948985	24
37	9 647 059	2634	10 364 823	9 6610434	2634	10 316541	10 047336	600	9 948894	23
38	9 647 361	2632	10 364 615	9 6609723	2632	10 316140	10 047325	600	9 948803	22
39	9 647 663	2630	10 364 407	9 6609011	2630	10 315739	10 047314	600	9 948712	21
40	9 647 965	2628	10 364 199	9 6608300	2628	10 315338	10 047303	600	9 948621	20
41	9 648 267	2626	10 363 991	9 6607588	2626	10 314937	10 047292	600	9 948530	19
42	9 648 569	2624	10 363 783	9 6606877	2624	10 314536	10 047281	600	9 948439	18
43	9 648 871	2622	10 363 575	9 6606165	2622	10 314135	10 047270	600	9 948348	17
44	9 649 173	2620	10 363 367	9 6605454	2620	10 313734	10 047259	600	9 948257	16
45	9 649 475	2618	10 363 159	9 6604742	2618	10 313333	10 047248	600	9 948166	15
46	9 649 777	2616	10 362 951	9 6604031	2616	10 312932	10 047237	600	9 948075	14
47	9 650 079	2614	10 362 743	9 6603319	2614	10 312531	10 047226	600	9 947984	13
48	9 650 381	2612	10 362 535	9 6602608	2612	10 312130	10 047215	600	9 947893	12
49	9 650 683	2610	10 362 327	9 6601896	2610	10 311729	10 047204	600	9 947802	11
50	9 650 985	2608	10 362 119	9 6601185	2608	10 311328	10 047193	600	9 947711	10
51	9 651 287	2606	10 361 911	9 6600473	2606	10 310927	10 047182	600	9 947620	9
52	9 651 589	2604	10 361 703	9 6599762	2604	10 310526	10 047171	600	9 947529	8
53	9 651 891	2602	10 361 495	9 6599050	2602	10 310125	10 047160	600	9 947438	7
54	9 652 193	2600	10 361 287	9 6598339	2600	10 309724	10 047149	600	9 947347	6
55	9 652 495	2598	10 361 079	9 6597627	2598	10 309323	10 047138	600	9 947256	5
56	9 652 797	2596	10 360 871	9 6596916	2596	10 308922	10 047127	600	9 947165	4
57	9 653 099	2594	10 360 663	9 6596204	2594	10 308521	10 047116	600	9 947074	3
58	9 653 401	2592	10 360 455	9 6595493	2592	10 308120	10 047105	600	9 946983	2
59	9 653 703	2590	10 360 247	9 6594781	2590	10 307719	10 047094	600	9 946892	1
60	9 654 005	2588	10 360 039	9 6594070	2588	10 307318	10 047083	600	9 946801	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

TANGENTS, AND SECANTS.

26 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.418420	2569	10.3581550	0.6881515	3205	10.3118182	10.0463393	617	0.9536602	60
1	0.4191000	2567	10.3578791	0.6884502	3201	10.3114977	10.0464015	618	0.9535985	59
2	0.4197500	2566	10.3576101	0.6887527	3203	10.3111773	10.0464631	618	0.9535369	58
3	0.4203800	2565	10.3573418	0.6890430	3201	10.3108570	10.0465249	617	0.9534751	57
4	0.4209900	2564	10.3570735	0.6893363	3200	10.3105369	10.0465866	619	0.9534134	56
5	0.4215900	2562	10.3568053	0.6896331	3199	10.3102169	10.0466485	618	0.9533516	55
6	0.4221900	2579	10.3565374	0.6901030		10.3098970	10.0467103	619	0.9532897	54
7	0.4227900	2578	10.3562693	0.6904230	3196	10.3095774	10.0467722	620	0.9532278	53
8	0.4233900	2576	10.3560010	0.6907422	3196	10.3092578	10.0468342	620	0.9531658	52
9	0.4239900	2574	10.3557326	0.6910616	3194	10.3089384	10.0468962	620	0.9531038	51
10	0.4245900	2572	10.3554643	0.6913809	3193	10.3086190	10.0469582	621	0.9530418	50
	0.4251900	2570	10.3551959	0.6917000	3191	10.3082996	10.0470203	622	0.9529797	49
11	0.4257900	2569	10.3549275	0.6920189	3189	10.3079811	10.0470825	622	0.9529175	48
12	0.4263900	2568	10.3546591	0.6923378	3187	10.3076622	10.0471447	622	0.9528553	47
13	0.4269900	2565	10.3543907	0.6926565	3185	10.3073435	10.0472069	623	0.9527931	46
14	0.4275900	2562	10.3541222	0.6929750	3184	10.3070250	10.0472692	623	0.9527308	45
15	0.4281900	2561	10.3538538	0.6932934		10.3067066	10.0473315	624	0.9526685	44
16	0.4287900	2559	10.3535853	0.6936117	3183	10.3063883	10.0473939	624	0.9526061	43
17	0.4293900	2557	10.3533168	0.6939298	3181	10.3060702	10.0474563	624	0.9525437	42
18	0.4299900	2555	10.3530482	0.6942478	3180	10.3057522	10.0475187	625	0.9524813	41
19	0.4305900	2554	10.3527797	0.6945656	3178	10.3054344	10.0475812	625	0.9524189	40
20	0.4311900	2551	10.3525112	0.6948833	3177	10.3051167	10.0476438	626	0.9523562	39
21	0.4317900	2550	10.3522427	0.6952009	3176	10.3047991	10.0477064	626	0.9522930	38
22	0.4323900	2547	10.3519742	0.6955183	3174	10.3044817	10.0477690	626	0.9522310	37
23	0.4329900	2546	10.3517057	0.6958355	3172	10.3041645	10.0478317	627	0.9521683	36
24	0.4335900	2544	10.3514372	0.6961527	3172	10.3038473	10.0478945	627	0.9521055	35
25	0.4341900	2542	10.3511687	0.6964697	3168	10.3035303	10.0479572	629	0.9520428	34
26	0.4347900	2541	10.3509002	0.6967865	3167	10.3032135	10.0480201	629	0.9519799	33
27	0.4353900	2538	10.3506317	0.6971032	3167	10.3028968	10.0480829	630	0.9519171	32
28	0.4359900	2537	10.3503632	0.6974193	3166	10.3025802	10.0481459	630	0.9518541	31
29	0.4365900	2534	10.3500947	0.6977363	3165	10.3022637	10.0482088	630	0.9517912	30
30	0.4371900	2533	10.3498262	0.6980526	3163	10.3019474	10.0482718	631	0.9517282	29
31	0.4377900	2531	10.3495577	0.6983687	3161	10.3016313	10.0483348	631	0.9516651	28
32	0.4383900	2530	10.3492892	0.6986847	3160	10.3013153	10.0483978	631	0.9516020	27
33	0.4389900	2527	10.3490207	0.6990006	3159	10.3009994	10.0484601	632	0.9515389	26
34	0.4395900	2525	10.3487522	0.6993164	3158	10.3006830	10.0485233	633	0.9514757	25
35	0.4401900	2524	10.3484837	0.6996320	3156	10.3003680	10.0485868	632	0.9514124	24
36	0.4407900	2522	10.3482152	0.6999478	3154	10.3000526	10.0486503	632	0.9513492	23
37	0.4413900	2520	10.3479467	0.7002635	3154	10.2997372	10.0487142	634	0.9512858	22
38	0.4419900	2518	10.3476782	0.7005793	3152	10.2994220	10.0487776	634	0.9512224	21
39	0.4425900	2517	10.3474097	0.7008950	3150	10.2991070	10.0488410	634	0.9511590	20
40	0.4431900	2514	10.3471412	0.7012108	3147	10.2987920	10.0489044	636	0.9510956	19
41	0.4437900	2513	10.3468727	0.7015267	3147	10.2984773	10.0489680	635	0.9510320	18
42	0.4443900	2511	10.3466042	0.7018425	3145	10.2981626	10.0490316	635	0.9509685	17
43	0.4449900	2509	10.3463357	0.7021583	3145	10.2978481	10.0490951	636	0.9509049	16
44	0.4455900	2507	10.3460672	0.7024742	3144	10.2975337	10.0491588	637	0.9508412	15
45	0.4461900	2506	10.3457987	0.7027900	3142	10.2972195	10.0492225	637	0.9507775	14
46	0.4467900	2503	10.3455302	0.7031058	3141	10.2969054	10.0492862	638	0.9507138	13
47	0.4473900	2502	10.3452617	0.7034216	3140	10.2965914	10.0493500	639	0.9506500	12
48	0.4479900	2500	10.3449932	0.7037375	3139	10.2962775	10.0494139	639	0.9505861	11
49	0.4485900	2498	10.3447247	0.7040533	3137	10.2959638	10.0494777	640	0.9505223	10
50	0.4491900	2497	10.3444562	0.7043691	3135	10.2956503	10.0495417	640	0.9504583	9
51	0.4497900	2494	10.3441877	0.7046849	3133	10.2953368	10.0496056	641	0.9503944	8
52	0.4503900	2493	10.3439192	0.7050007	3132	10.2950235	10.0496697	640	0.9503303	7
53	0.4509900	2491	10.3436507	0.7053165	3132	10.2947103	10.0497337	641	0.9502663	6
54	0.4515900	2489	10.3433822	0.7056323	3129	10.2943973	10.0497978	642	0.9502022	5
55	0.4521900	2488	10.3431137	0.7059481	3127	10.2940844	10.0498620	642	0.9501380	4
56	0.4527900	2485	10.3428452	0.7062639	3126	10.2937716	10.0499262	643	0.9500738	3
57	0.4533900	2484	10.3425767	0.7065797	3125	10.2934590	10.0499905	643	0.9500095	2
58	0.4539900	2482	10.3423082	0.7068955	3124	10.2931465	10.0500548	643	0.9499452	1
59	0.4545900	2481	10.3420397	0.7072113		10.2928341	10.0501191		0.9498809	0
60	0.4551900									
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	9-6570408		10-3425632	9-7071679		10-2928321	10-0501121		9-9498800	60
1	9-6572446	2178	10-3427054	9-7074781	3122	10-2925219	10-0501335	644	9-9498163	59
2	9-6574421	2477	10-3428457	9-7077902	3121	10-2922038	10-0501479	644	9-9497521	58
3	9-6576393	2475	10-3429810	9-7081022	3130	10-2918878	10-0501624	645	9-9496879	57
4	9-6578361	2473	10-3431129	9-7084141	3119	10-2915650	10-0501770	645	9-9496230	56
5	9-6580324	2470	10-3432418	9-7087258	3117	10-2912422	10-0501915	645	9-9495585	55
6	9-6582282	2468	10-3433688	9-7090374	3114	10-2909226	10-0502062	646	9-9494938	54
7	9-6584236	2466	10-3434939	9-7093488	3113	10-2906012	10-0502210	647	9-9494292	53
8	9-6586186	2464	10-3436175	9-7096601	3112	10-2902799	10-0502358	647	9-9493645	52
9	9-6588132	2463	10-3437398	9-7099713	3111	10-2899587	10-0502507	648	9-9492997	51
10	9-6590073	2460	10-3438607	9-7102824	3109	10-2896377	10-0502656	649	9-9492340	50
11	9-6592011	2458	10-3439802	9-7105933	3108	10-2893167	10-0502806	649	9-9491691	49
12	9-6593946	2457	10-3440993	9-7109041	3107	10-2889959	10-0502957	649	9-9491041	48
13	9-6595877	2455	10-3442179	9-7112148	3106	10-2886752	10-0503108	650	9-9490392	47
14	9-6597805	2454	10-3443360	9-7115254	3106	10-2883547	10-0503260	651	9-9489743	46
15	9-6599729	2452	10-3444536	9-7118359	3103	10-2880342	10-0503412	651	9-9489094	45
16	9-6601650	2450	10-3445708	9-7121461	3101	10-2877138	10-0503565	651	9-9488445	44
17	9-6603568	2449	10-3446876	9-7124562	3100	10-2873935	10-0503718	652	9-9487796	43
18	9-6605483	2447	10-3448040	9-7127662	3099	10-2870733	10-0503872	652	9-9487147	42
19	9-6607395	2445	10-3449200	9-7130761	3098	10-2867532	10-0504026	652	9-9486498	41
20	9-6609304	2443	10-3450358	9-7133859	3097	10-2864332	10-0504181	653	9-9485849	40
21	9-6611211	2441	10-3451513	9-7136956	3095	10-2861133	10-0504336	654	9-9485200	39
22	9-6613116	2440	10-3452665	9-7140051	3094	10-2857935	10-0504491	654	9-9484551	38
23	9-6615019	2438	10-3453814	9-7143145	3092	10-2854738	10-0504646	654	9-9483902	37
24	9-6616920	2436	10-3454960	9-7146237	3092	10-2851542	10-0504801	654	9-9483253	36
25	9-6618819	2435	10-3456103	9-7149329	3090	10-2848347	10-0504956	655	9-9482604	35
26	9-6620716	2433	10-3457243	9-7152419	3089	10-2845152	10-0505111	655	9-9481955	34
27	9-6622611	2431	10-3458380	9-7155508	3087	10-2841958	10-0505266	655	9-9481306	33
28	9-6624504	2429	10-3459514	9-7158595	3087	10-2838765	10-0505421	656	9-9480657	32
29	9-6626395	2428	10-3460645	9-7161682	3085	10-2835573	10-0505576	656	9-9480008	31
30	9-6628284	2426	10-3461773	9-7164767	3084	10-2832382	10-0505731	656	9-9479359	30
31	9-6630171	2424	10-3462900	9-7167851	3082	10-2829192	10-0505886	658	9-9478710	29
32	9-6632056	2423	10-3464024	9-7170933	3081	10-2826004	10-0506041	658	9-9478061	28
33	9-6633939	2420	10-3465146	9-7174014	3080	10-2822818	10-0506196	659	9-9477412	27
34	9-6635820	2419	10-3466266	9-7177094	3079	10-2819633	10-0506351	659	9-9476763	26
35	9-6637699	2418	10-3467384	9-7180173	3078	10-2816448	10-0506506	660	9-9476114	25
36	9-6639576	2415	10-3468500	9-7183251	3079	10-2813264	10-0506661	661	9-9475465	24
37	9-6641451	2414	10-3469614	9-7186327	3076	10-2810081	10-0506816	661	9-9474816	23
38	9-6643324	2413	10-3470726	9-7189402	3074	10-2806900	10-0506971	661	9-9474167	22
39	9-6645195	2410	10-3471836	9-7192476	3073	10-2803718	10-0507126	662	9-9473518	21
40	9-6647064	2409	10-3472944	9-7195549	3071	10-2800538	10-0507281	662	9-9472869	20
41	9-6648931	2407	10-3474050	9-7198620	3070	10-2797358	10-0507436	663	9-9472220	19
42	9-6650796	2406	10-3475154	9-7201690	3069	10-2794179	10-0507591	663	9-9471571	18
43	9-6652659	2404	10-3476256	9-7204759	3068	10-2791001	10-0507746	664	9-9470922	17
44	9-6654520	2402	10-3477357	9-7207827	3066	10-2787823	10-0507901	664	9-9470273	16
45	9-6656379	2400	10-3478456	9-7210893	3065	10-2784646	10-0508056	665	9-9469624	15
46	9-6658236	2399	10-3479553	9-7213958	3064	10-2781470	10-0508211	665	9-9468975	14
47	9-6660091	2397	10-3480648	9-7217022	3063	10-2778295	10-0508366	666	9-9468326	13
48	9-6661944	2396	10-3481741	9-7220085	3062	10-2775121	10-0508521	666	9-9467677	12
49	9-6663795	2394	10-3482832	9-7223147	3060	10-2771948	10-0508676	667	9-9467028	11
50	9-6665644	2392	10-3483921	9-7226207	3059	10-2768775	10-0508831	667	9-9466379	10
51	9-6667491	2390	10-3485008	9-7229266	3058	10-2765603	10-0508986	668	9-9465730	9
52	9-6669336	2388	10-3486093	9-7232324	3057	10-2762432	10-0509141	668	9-9465081	8
53	9-6671179	2387	10-3487176	9-7235381	3056	10-2759262	10-0509296	669	9-9464432	7
54	9-6673020	2386	10-3488257	9-7238438	3054	10-2756093	10-0509451	669	9-9463783	6
55	9-6674859	2384	10-3489336	9-7241490	3053	10-2752925	10-0509606	670	9-9463134	5
56	9-6676696	2382	10-3490413	9-7244542	3052	10-2749758	10-0509761	670	9-9462485	4
57	9-6678531	2380	10-3491488	9-7247595	3051	10-2746593	10-0509916	671	9-9461836	3
58	9-6680364	2378	10-3492561	9-7250647	3049	10-2743428	10-0510071	671	9-9461187	2
59	9-6682195	2377	10-3493632	9-7253699	3047	10-2740264	10-0510226	672	9-9460538	1
60	9-6684024	2375	10-3494701	9-7256744	3046	10-2737101	10-0510381	672	9-9459889	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

TANGENTS, AND SECANTS.

23 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	9-6716093		10-2833907	9-7256744	3017	10-2745256	10-0540051	672	9-9450319	60
1	9-6714483	2376	10-2831532	9-7256791	3018	10-2740209	10-0541323	672	9-9450677	59
2	9-6712841	2373	10-2829159	9-7256837	3019	10-2735163	10-0542595	673	9-9451035	58
3	9-6711213	2372	10-2826787	9-7256881	3020	10-2730119	10-0543868	673	9-9451392	57
4	9-6709583	2370	10-2824417	9-7256925	3021	10-2725075	10-0545141	674	9-9451750	56
5	9-6707952	2369	10-2822043	9-7256967	3022	10-2720033	10-0546415	675	9-9452108	55
6	9-6706319	2367	10-2819681	9-7257009	3023	10-2714992	10-0547690	675	9-9452466	54
7	9-6704684	2365	10-2817316	9-7257051	3024	10-2710952	10-0548964	676	9-9452824	53
8	9-6703047	2363	10-2814953	9-7257093	3025	10-2706913	10-0550238	676	9-9453182	52
9	9-6701409	2362	10-2812591	9-7257135	3026	10-2702875	10-0551513	677	9-9453540	51
10	9-6699769	2360	10-2810231	9-7257176	3027	10-2698838	10-0552787	677	9-9453898	50
11	9-6698129	2359	10-2807872	9-7257218	3028	10-2694802	10-0554062	678	9-9454256	49
12	9-6696485	2357	10-2805515	9-7257260	3029	10-2690767	10-0555337	678	9-9454614	48
13	9-6694840	2356	10-2803160	9-7257303	3030	10-2686733	10-0556612	679	9-9454972	47
14	9-6693194	2354	10-2800806	9-7257345	3031	10-2682699	10-0557887	679	9-9455330	46
15	9-6691546	2352	10-2798454	9-7257387	3032	10-2678666	10-0559162	680	9-9455688	45
16	9-6689896	2350	10-2796101	9-7257429	3033	10-2674633	10-0560437	680	9-9456046	44
17	9-6688245	2349	10-2793750	9-7257471	3034	10-2670600	10-0561712	681	9-9456404	43
18	9-6686592	2347	10-2791398	9-7257513	3035	10-2666567	10-0562987	681	9-9456762	42
19	9-6684937	2346	10-2789048	9-7257555	3036	10-2662534	10-0564262	682	9-9457120	41
20	9-6683281	2344	10-2786697	9-7257597	3037	10-2658501	10-0565537	682	9-9457478	40
21	9-6681623	2342	10-2784347	9-7257639	3038	10-2654468	10-0566812	683	9-9457836	39
22	9-6679963	2340	10-2782000	9-7257681	3039	10-2650435	10-0568087	683	9-9458194	38
23	9-6678302	2339	10-2779650	9-7257723	3040	10-2646402	10-0569362	684	9-9458552	37
24	9-6676640	2337	10-2777302	9-7257765	3041	10-2642369	10-0570637	684	9-9458910	36
25	9-6674976	2335	10-2774953	9-7257807	3042	10-2638336	10-0571912	685	9-9459268	35
26	9-6673311	2333	10-2772605	9-7257849	3043	10-2634303	10-0573187	685	9-9459626	34
27	9-6671645	2332	10-2770258	9-7257891	3044	10-2630270	10-0574462	686	9-9460000	33
28	9-6669978	2330	10-2767910	9-7257933	3045	10-2626237	10-0575737	686	9-9460368	32
29	9-6668310	2329	10-2765563	9-7257975	3046	10-2622204	10-0577012	687	9-9460736	31
30	9-6666641	2327	10-2763216	9-7258017	3047	10-2618171	10-0578287	687	9-9461104	30
31	9-6664971	2326	10-2760869	9-7258059	3048	10-2614140	10-0579562	688	9-9461472	29
32	9-6663300	2324	10-2758522	9-7258101	3049	10-2610109	10-0580837	688	9-9461840	28
33	9-6661629	2322	10-2756175	9-7258143	3050	10-2606078	10-0582112	689	9-9462208	27
34	9-6659957	2321	10-2753828	9-7258185	3051	10-2602047	10-0583387	689	9-9462576	26
35	9-6658284	2320	10-2751481	9-7258227	3052	10-2598016	10-0584662	690	9-9462944	25
36	9-6656610	2317	10-2749134	9-7258269	3053	10-2593985	10-0585937	690	9-9463312	24
37	9-6654935	2316	10-2746787	9-7258311	3054	10-2589954	10-0587212	691	9-9463680	23
38	9-6653259	2314	10-2744440	9-7258353	3055	10-2585923	10-0588487	691	9-9464048	22
39	9-6651582	2313	10-2742093	9-7258395	3056	10-2581892	10-0589762	692	9-9464416	21
40	9-6649904	2312	10-2739746	9-7258437	3057	10-2577861	10-0591037	692	9-9464784	20
41	9-6648225	2310	10-2737399	9-7258479	3058	10-2573830	10-0592312	693	9-9465152	19
42	9-6646546	2308	10-2735052	9-7258521	3059	10-2569800	10-0593587	693	9-9465520	18
43	9-6644866	2307	10-2732705	9-7258563	3060	10-2565769	10-0594862	694	9-9465888	17
44	9-6643185	2305	10-2730358	9-7258605	3061	10-2561738	10-0596137	694	9-9466256	16
45	9-6641503	2304	10-2728011	9-7258647	3062	10-2557707	10-0597412	695	9-9466624	15
46	9-6639820	2302	10-2725664	9-7258689	3063	10-2553676	10-0598687	695	9-9466992	14
47	9-6638137	2301	10-2723317	9-7258731	3064	10-2549645	10-0599962	696	9-9467360	13
48	9-6636453	2300	10-2720970	9-7258773	3065	10-2545614	10-0601237	696	9-9467728	12
49	9-6634769	2299	10-2718623	9-7258815	3066	10-2541583	10-0602512	697	9-9468096	11
50	9-6633084	2298	10-2716276	9-7258857	3067	10-2537552	10-0603787	697	9-9468464	10
51	9-6631399	2297	10-2713929	9-7258899	3068	10-2533521	10-0605062	698	9-9468832	9
52	9-6629713	2296	10-2711582	9-7258941	3069	10-2529490	10-0606337	698	9-9469200	8
53	9-6628027	2295	10-2709235	9-7258983	3070	10-2525459	10-0607612	699	9-9469568	7
54	9-6626340	2294	10-2706888	9-7259025	3071	10-2521428	10-0608887	699	9-9469936	6
55	9-6624653	2293	10-2704541	9-7259067	3072	10-2517397	10-0610162	700	9-9470304	5
56	9-6622966	2292	10-2702194	9-7259109	3073	10-2513366	10-0611437	700	9-9470672	4
57	9-6621278	2291	10-2699847	9-7259151	3074	10-2509335	10-0612712	701	9-9471040	3
58	9-6619590	2290	10-2697500	9-7259193	3075	10-2505304	10-0613987	701	9-9471408	2
59	9-6617902	2289	10-2695153	9-7259235	3076	10-2501273	10-0615262	702	9-9471776	1
60	9-6616214	2288	10-2692806	9-7259277	3077	10-2497242	10-0616537	702	9-9472144	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

LOGARITHMIC SINES,

29 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	9-6855712	2279	10-3144288	9-7437850	2279	10-2-62450	10-0581407	701	9-9418198	60
1	9-6855711	2279	10-3144289	9-7440490	2277	10-255021	10-0581408	01	9-9417412	59
2	9-6855710	2275	10-3144292	9-7443126	2277	10-255021	10-0581409	01	9-9416626	58
3	9-6855709	2275	10-3144293	9-7445762	2275	10-255021	10-0581410	01	9-9415840	57
4	9-6855708	2271	10-3144294	9-7448398	2275	10-255021	10-0581411	01	9-9415054	56
5	9-6855707	2271	10-3144295	9-7451034	2275	10-255021	10-0581412	01	9-9414268	55
6	9-6855706	2269	10-3144296	9-7453670	2275	10-255021	10-0581413	01	9-9413482	54
7	9-6855705	2267	10-3144297	9-7456306	2271	10-255021	10-0581414	01	9-9412696	53
8	9-6855704	2265	10-3144298	9-7458942	2270	10-255021	10-0581415	01	9-9411910	52
9	9-6855703	2264	10-3144299	9-7461578	2269	10-255021	10-0581416	01	9-9411124	51
10	9-6855702	2263	10-3144300	9-7464214	2265	10-255021	10-0581417	01	9-9410338	50
11	9-6855701	2261	10-3144301	9-7466850	2267	10-255021	10-0581418	01	9-9409552	49
12	9-6855700	2260	10-3144302	9-7469486	2265	10-255021	10-0581419	01	9-9408766	48
13	9-6855699	2258	10-3144303	9-7472122	2265	10-255021	10-0581420	01	9-9407980	47
14	9-6855698	2256	10-3144304	9-7474758	2265	10-255021	10-0581421	01	9-9407194	46
15	9-6855697	2255	10-3144305	9-7477394	2263	10-255021	10-0581422	01	9-9406408	45
16	9-6855696	2254	10-3144306	9-7480030	2261	10-255021	10-0581423	01	9-9405622	44
17	9-6855695	2253	10-3144307	9-7482666	2261	10-255021	10-0581424	01	9-9404836	43
18	9-6855694	2252	10-3144308	9-7485302	2260	10-255021	10-0581425	01	9-9404050	42
19	9-6855693	2250	10-3144309	9-7487938	2260	10-255021	10-0581426	01	9-9403264	41
20	9-6855692	2248	10-3144310	9-7490574	2258	10-255021	10-0581427	01	9-9402478	40
21	9-6855691	2245	10-3144311	9-7493210	2256	10-255021	10-0581428	01	9-9401692	39
22	9-6855690	2243	10-3144312	9-7495846	2256	10-255021	10-0581429	01	9-9400906	38
23	9-6855689	2243	10-3144313	9-7498482	2254	10-255021	10-0581430	01	9-9400120	37
24	9-6855688	2241	10-3144314	9-7501118	2254	10-255021	10-0581431	01	9-9399334	36
25	9-6855687	2240	10-3144315	9-7503754	2253	10-255021	10-0581432	01	9-9398548	35
26	9-6855686	2238	10-3144316	9-7506390	2251	10-255021	10-0581433	01	9-9397762	34
27	9-6855685	2236	10-3144317	9-7509026	2250	10-255021	10-0581434	01	9-9396976	33
28	9-6855684	2236	10-3144318	9-7511662	2248	10-255021	10-0581435	01	9-9396190	32
29	9-6855683	2235	10-3144319	9-7514298	2248	10-255021	10-0581436	01	9-9395404	31
30	9-6855682	2233	10-3144320	9-7516934	2245	10-255021	10-0581437	01	9-9394618	30
31	9-6855681	2231	10-3144321	9-7519570	2245	10-255021	10-0581438	01	9-9393832	29
32	9-6855680	2230	10-3144322	9-7522206	2243	10-255021	10-0581439	01	9-9393046	28
33	9-6855679	2229	10-3144323	9-7524842	2243	10-255021	10-0581440	01	9-9392260	27
34	9-6855678	2228	10-3144324	9-7527478	2241	10-255021	10-0581441	01	9-9391474	26
35	9-6855677	2226	10-3144325	9-7530114	2241	10-255021	10-0581442	01	9-9390688	25
36	9-6855676	2224	10-3144326	9-7532750	2240	10-255021	10-0581443	01	9-9389902	24
37	9-6855675	2223	10-3144327	9-7535386	2239	10-255021	10-0581444	01	9-9389116	23
38	9-6855674	2222	10-3144328	9-7538022	2239	10-255021	10-0581445	01	9-9388330	22
39	9-6855673	2220	10-3144329	9-7540658	2238	10-255021	10-0581446	01	9-9387544	21
40	9-6855672	2219	10-3144330	9-7543294	2237	10-255021	10-0581447	01	9-9386758	20
41	9-6855671	2218	10-3144331	9-7545930	2235	10-255021	10-0581448	01	9-9385972	19
42	9-6855670	2216	10-3144332	9-7548566	2235	10-255021	10-0581449	01	9-9385186	18
43	9-6855669	2215	10-3144333	9-7551202	2234	10-255021	10-0581450	01	9-9384400	17
44	9-6855668	2213	10-3144334	9-7553838	2234	10-255021	10-0581451	01	9-9383614	16
45	9-6855667	2212	10-3144335	9-7556474	2233	10-255021	10-0581452	01	9-9382828	15
46	9-6855666	2210	10-3144336	9-7559110	2231	10-255021	10-0581453	01	9-9382042	14
47	9-6855665	2208	10-3144337	9-7561746	2230	10-255021	10-0581454	01	9-9381256	13
48	9-6855664	2206	10-3144338	9-7564382	2229	10-255021	10-0581455	01	9-9380470	12
49	9-6855663	2204	10-3144339	9-7567018	2228	10-255021	10-0581456	01	9-9379684	11
50	9-6855662	2202	10-3144340	9-7569654	2226	10-255021	10-0581457	01	9-9378898	10
51	9-6855661	2201	10-3144341	9-7572290	2226	10-255021	10-0581458	01	9-9378112	9
52	9-6855660	2199	10-3144342	9-7574926	2224	10-255021	10-0581459	01	9-9377326	8
53	9-6855659	2198	10-3144343	9-7577562	2224	10-255021	10-0581460	01	9-9376540	7
54	9-6855658	2196	10-3144344	9-7580198	2223	10-255021	10-0581461	01	9-9375754	6
55	9-6855657	2195	10-3144345	9-7582834	2222	10-255021	10-0581462	01	9-9374968	5
56	9-6855656	2193	10-3144346	9-7585470	2221	10-255021	10-0581463	01	9-9374182	4
57	9-6855655	2192	10-3144347	9-7588106	2220	10-255021	10-0581464	01	9-9373396	3
58	9-6855654	2190	10-3144348	9-7590742	2219	10-255021	10-0581465	01	9-9372610	2
59	9-6855653	2189	10-3144349	9-7593378	2218	10-255021	10-0581466	01	9-9371824	1
60	9-6855652	2188	10-3144350	9-7596014	2218	10-255021	10-0581467	01	9-9371038	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

TANGENTS, AND SECANTS.

30 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.5000000		1.0000000	0.0000000		1.0000000	1.0000000	720	0.9375308	60
1	0.5009187	2187	1.0000611	0.0017311	2017	0.9999826	1.0000173	730	0.9374577	60
2	0.5018373	2185	1.0001222	0.0034622	2015	0.9999652	1.0000346	731	0.9373847	60
3	0.5027558	2183	1.0001833	0.0051933	2014	0.9999478	1.0000519	731	0.9373116	57
4	0.5036744	2181	1.0002444	0.0069244	2013	0.9999304	1.0000692	732	0.9372385	55
5	0.5045929	2180	1.0003055	0.0086555	2012	0.9999130	1.0000865	732	0.9371653	55
6	0.5055114	2179	1.0003666	0.0103866	2011	0.9998956	1.0001038	732	0.9370921	54
7	0.5064299	2177	1.0004277	0.0121177	2010	0.9998782	1.0001211	733	0.9370189	53
8	0.5073484	2176	1.0004888	0.0138488	2010	0.9998608	1.0001384	734	0.9369456	52
9	0.5082669	2174	1.0005499	0.0155799	2009	0.9998434	1.0001558	734	0.9368722	51
10	0.5091854	2173	1.0006110	0.0173110	2007	0.9998260	1.0001731	734	0.9367988	50
11	0.5101039	2171	1.0006721	0.0190421	2007	0.9998086	1.0001904	735	0.9367254	49
12	0.5110224	2170	1.0007332	0.0207732	2005	0.9997912	1.0002077	735	0.9366520	48
13	0.5119409	2168	1.0007943	0.0225043	2004	0.9997738	1.0002250	735	0.9365786	47
14	0.5128594	2167	1.0008554	0.0242354	2004	0.9997564	1.0002423	735	0.9365052	46
15	0.5137779	2166	1.0009165	0.0259665	2002	0.9997390	1.0002596	737	0.9364318	45
16	0.5146964	2164	1.0009776	0.0276976	2002	0.9997216	1.0002769	738	0.9363584	44
17	0.5156149	2163	1.0010387	0.0294287	2000	0.9997042	1.0002943	738	0.9362850	43
18	0.5165334	2162	1.0010998	0.0311598	2000	0.9996868	1.0003115	738	0.9362116	42
19	0.5174519	2160	1.0011609	0.0328909	2000	0.9996694	1.0003289	739	0.9361382	41
20	0.5183704	2159	1.0012220	0.0346220	2000	0.9996520	1.0003462	739	0.9360648	40
21	0.5192889	2157	1.0012831	0.0363531	2000	0.9996346	1.0003635	740	0.9359914	39
22	0.5202074	2155	1.0013442	0.0380842	2000	0.9996172	1.0003808	740	0.9359180	38
23	0.5211259	2154	1.0014053	0.0398153	2000	0.9995998	1.0003981	741	0.9358446	37
24	0.5220444	2152	1.0014664	0.0415464	2000	0.9995824	1.0004154	741	0.9357712	36
25	0.5229629	2152	1.0015275	0.0432775	2000	0.9995650	1.0004327	741	0.9356978	35
26	0.5238814	2150	1.0015886	0.0450086	2000	0.9995476	1.0004500	743	0.9356244	34
27	0.5247999	2149	1.0016497	0.0467397	2000	0.9995302	1.0004673	743	0.9355510	33
28	0.5257184	2148	1.0017108	0.0484708	2000	0.9995128	1.0004846	743	0.9354776	32
29	0.5266369	2146	1.0017719	0.0502019	2000	0.9994954	1.0005019	744	0.9354042	31
30	0.5275554	2144	1.0018330	0.0519330	2000	0.9994780	1.0005192	744	0.9353308	30
31	0.5284739	2142	1.0018941	0.0536641	2000	0.9994606	1.0005365	744	0.9352574	29
32	0.5293924	2141	1.0019552	0.0553952	2000	0.9994432	1.0005538	746	0.9351840	28
33	0.5303109	2140	1.0020163	0.0571263	2000	0.9994258	1.0005711	746	0.9351106	27
34	0.5312294	2139	1.0020774	0.0588574	2000	0.9994084	1.0005884	746	0.9350372	26
35	0.5321479	2137	1.0021385	0.0605885	2000	0.9993910	1.0006057	747	0.9349638	25
36	0.5330664	2136	1.0021996	0.0623196	2000	0.9993736	1.0006230	747	0.9348904	24
37	0.5339849	2134	1.0022607	0.0640507	2000	0.9993562	1.0006403	747	0.9348170	23
38	0.5349034	2133	1.0023218	0.0657818	2000	0.9993388	1.0006576	749	0.9347436	22
39	0.5358219	2131	1.0023829	0.0675129	2000	0.9993214	1.0006749	749	0.9346702	21
40	0.5367404	2130	1.0024440	0.0692440	2000	0.9993040	1.0006922	750	0.9345968	20
41	0.5376589	2128	1.0025051	0.0709751	2000	0.9992866	1.0007095	750	0.9345234	19
42	0.5385774	2127	1.0025662	0.0727062	2000	0.9992692	1.0007268	750	0.9344500	18
43	0.5394959	2125	1.0026273	0.0744373	2000	0.9992518	1.0007441	751	0.9343766	17
44	0.5404144	2125	1.0026884	0.0761684	2000	0.9992344	1.0007614	751	0.9343032	16
45	0.5413329	2124	1.0027495	0.0778995	2000	0.9992170	1.0007787	751	0.9342298	15
46	0.5422514	2123	1.0028106	0.0796306	2000	0.9991996	1.0007960	752	0.9341564	14
47	0.5431699	2121	1.0028717	0.0813617	2000	0.9991822	1.0008133	752	0.9340830	13
48	0.5440884	2120	1.0029328	0.0830928	2000	0.9991648	1.0008306	753	0.9340096	12
49	0.5450069	2119	1.0029939	0.0848239	2000	0.9991474	1.0008479	753	0.9339362	11
50	0.5459254	2117	1.0030550	0.0865550	2000	0.9991300	1.0008652	754	0.9338628	10
51	0.5468439	2116	1.0031161	0.0882861	2000	0.9991126	1.0008825	755	0.9337894	9
52	0.5477624	2114	1.0031772	0.0900172	2000	0.9990952	1.0008998	754	0.9337160	8
53	0.5486809	2113	1.0032383	0.0917483	2000	0.9990778	1.0009171	756	0.9336426	7
54	0.5495994	2111	1.0032994	0.0934794	2000	0.9990604	1.0009344	756	0.9335692	6
55	0.5505179	2110	1.0033605	0.0952105	2000	0.9990430	1.0009517	756	0.9334958	5
56	0.5514364	2108	1.0034216	0.0969416	2000	0.9990256	1.0009690	757	0.9334224	4
57	0.5523549	2108	1.0034827	0.0986727	2000	0.9990082	1.0009863	757	0.9333490	3
58	0.5532734	2106	1.0035438	0.1004038	2000	0.9989908	1.0010036	758	0.9332756	2
59	0.5541919	2104	1.0036049	0.1021349	2000	0.9989734	1.0010209	758	0.9332022	1
60	0.5551104	2103	1.0036660	0.1038660	2000	0.9989560	1.0010382	759	0.9331288	0
	Cotang.	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

TANGENTS, AND SECANTS.

	Sine	Diff.	Corec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.7212977	2021	10.2757903	0.7057822	2311	10.2012108	10.0715705	790	0.9284205	60
1	0.7211118	2020	10.2755882	0.7097073	2310	10.2012207	10.0716585	790	0.9283415	59
2	0.7210138	2019	10.2753862	0.7135313	2309	10.2012307	10.0717376	791	0.9282625	58
3	0.7211156	2018	10.2751844	0.7172322	2308	10.2012408	10.0718166	791	0.9281834	57
4	0.7212174	2015	10.2749823	0.7209130	2308	10.2012509	10.0718957	792	0.9281043	56
5	0.7213192	2016	10.2747811	0.7245745	2307	10.2012609	10.0719748	792	0.9280251	55
6	0.7214204	2013	10.2745796	0.7282475	2306	10.2012710	10.0720541	793	0.9279459	54
7	0.7215217	2012	10.2743783	0.7319251	2305	10.2012811	10.0721334	793	0.9278666	53
8	0.7216233	2011	10.2741771	0.7356036	2304	10.2012912	10.0722127	794	0.9277873	52
9	0.7217249	2010	10.2739760	0.7392860	2304	10.2013013	10.0722921	794	0.9277079	51
10	0.7218264	2008	10.2737751	0.7429734	2303	10.2013114	10.0723715	795	0.9276285	50
11	0.7219287	2007	10.2735743	0.7466657	2302	10.2013215	10.0724510	795	0.9275490	49
12	0.7220304	2005	10.2733736	0.7503630	2301	10.2013316	10.0725305	796	0.9274695	48
13	0.7221320	2004	10.2731731	0.7540653	2300	10.2013417	10.0726101	796	0.9273900	47
14	0.7222337	2003	10.2729727	0.7577726	2300	10.2013518	10.0726897	797	0.9273103	46
15	0.7223354	2002	10.2727724	0.7614849	2299	10.2013619	10.0727693	797	0.9272308	45
16	0.7224378	2000	10.2725722	0.8002763	2703	10.1973721	10.0728491	798	0.9271509	44
17	0.7225405	1999	10.2723722	0.8039836	2703	10.1973822	10.0729288	798	0.9270711	43
18	0.7226437	1998	10.2721723	0.8076960	2703	10.1973923	10.0730087	799	0.9269913	42
19	0.7227475	1998	10.2719725	0.8114135	2704	10.1974024	10.0730886	800	0.9269114	41
20	0.7228511	1996	10.2717729	0.8151360	2705	10.1974125	10.0731686	800	0.9268314	40
21	0.7229557	1993	10.2715733	0.8188635	2704	10.1974226	10.0732486	800	0.9267514	39
22	0.7230603	1993	10.2713740	0.8225960	2704	10.1974327	10.0733286	801	0.9266714	38
23	0.7231653	1991	10.2711747	0.8263335	2703	10.1974428	10.0734087	801	0.9265913	37
24	0.7232704	1990	10.2709756	0.8300760	2702	10.1974529	10.0734888	802	0.9265112	36
25	0.7233754	1989	10.2707766	0.8338235	2701	10.1974630	10.0735689	803	0.9264310	35
26	0.7234804	1988	10.2705777	0.8375760	2700	10.1974731	10.0736490	803	0.9263507	34
27	0.7235854	1986	10.2703789	0.8413335	2700	10.1974832	10.0737290	803	0.9262704	33
28	0.7236904	1985	10.2701803	0.8450960	2700	10.1974933	10.0738090	804	0.9261901	32
29	0.7237954	1983	10.2699818	0.8488635	2700	10.1975034	10.0738890	805	0.9261098	31
30	0.7239004	1983	10.2697835	0.8526360	2700	10.1975135	10.0739690	805	0.9260295	30
31	0.7240054	1981	10.2695852	0.8564085	2700	10.1975236	10.0740491	806	0.9259492	29
32	0.7241104	1980	10.2693871	0.8601810	2700	10.1975337	10.0741291	806	0.9258689	28
33	0.7242154	1979	10.2691891	0.8639535	2700	10.1975438	10.0742092	806	0.9257886	27
34	0.7243204	1977	10.2689913	0.8677260	2701	10.1975539	10.0742893	807	0.9257083	26
35	0.7244254	1976	10.2687936	0.8714985	2701	10.1975640	10.0743694	807	0.9256280	25
36	0.7245304	1975	10.2685960	0.8752710	2701	10.1975741	10.0744495	808	0.9255477	24
37	0.7246354	1974	10.2683985	0.8790435	2702	10.1975842	10.0745296	809	0.9254674	23
38	0.7247404	1972	10.2682011	0.8828160	2702	10.1975943	10.0746097	809	0.9253871	22
39	0.7248454	1971	10.2680039	0.8865885	2701	10.1976044	10.0746898	810	0.9253068	21
40	0.7249504	1970	10.2678068	0.8903610	2701	10.1976145	10.0747699	810	0.9252265	20
41	0.7250554	1968	10.2676093	0.8941335	2700	10.1976246	10.0748500	811	0.9251462	19
42	0.7251604	1967	10.2674119	0.8979060	2700	10.1976347	10.0749301	811	0.9250659	18
43	0.7252654	1966	10.2672143	0.9016785	2700	10.1976448	10.0750102	812	0.9249856	17
44	0.7253704	1965	10.2670169	0.9054510	2700	10.1976549	10.0750903	813	0.9249053	16
45	0.7254754	1963	10.2668193	0.9092235	2700	10.1976650	10.0751704	812	0.9248250	15
46	0.7255804	1962	10.2666219	0.9129960	2700	10.1976751	10.0752505	814	0.9247447	14
47	0.7256854	1961	10.2664243	0.9167685	2700	10.1976852	10.0753306	814	0.9246644	13
48	0.7257904	1960	10.2662269	0.9205410	2701	10.1976953	10.0754107	814	0.9245841	12
49	0.7258954	1958	10.2660293	0.9243135	2701	10.1977054	10.0754908	815	0.9245038	11
50	0.7259999	1957	10.2658319	0.9280860	2701	10.1977155	10.0755709	815	0.9244235	10
51	0.7261049	1956	10.2656343	0.9318585	2702	10.1977256	10.0756510	816	0.9243432	9
52	0.7262099	1955	10.2654369	0.9356310	2702	10.1977357	10.0757311	817	0.9242629	8
53	0.7263149	1953	10.2652393	0.9394035	2702	10.1977458	10.0758112	817	0.9241826	7
54	0.7264199	1952	10.2650419	0.9431760	2702	10.1977559	10.0758913	817	0.9241023	6
55	0.7265249	1951	10.2648443	0.9469485	2703	10.1977660	10.0759714	819	0.9240220	5
56	0.7266299	1950	10.2646469	0.9507210	2703	10.1977761	10.0760515	818	0.9239417	4
57	0.7267349	1949	10.2644493	0.9544935	2703	10.1977862	10.0761316	819	0.9238614	3
58	0.7268399	1947	10.2642519	0.9582660	2703	10.1977963	10.0762117	820	0.9237811	2
59	0.7269449	1946	10.2640543	0.9620385	2703	10.1978064	10.0762918	820	0.9237008	1
60	0.7270499	1945	10.2638569	0.9658110	2703	10.1978165	10.0763719	820	0.9236205	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Corec.	D.	Sine	

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D	Cosine	
0	97301088	1944	10-633012	98125174	2765	1018748.6	10-0761086	821	9-9233014	60
1	97303072	1944	10-630963	98127439	2765	1018748.1	10-0761087	821	9-9231473	59
2	97305056	1944	10-628914	98129704	2765	1018747.6	10-0761088	821	9-9229932	58
3	97307040	1944	10-626865	98131969	2765	1018747.1	10-0761089	821	9-9228391	57
4	97309024	1944	10-624816	98134234	2765	1018746.6	10-0761090	821	9-9226850	56
5	97311008	1944	10-622767	98136499	2765	1018746.1	10-0761091	821	9-9225309	55
6	97312992	1933	10-620718	98138764	2765	1018587.65	10-0760018	824	9-9203968	54
7	97314976	1933	10-618669	98141029	2761	1018584.34	10-0760019	824	9-9202427	53
8	97316960	1933	10-616620	98143294	2759	1018581.03	10-0760020	824	9-9200886	52
9	97318944	1933	10-614571	98145559	2759	1018577.72	10-0760021	824	9-9199345	51
10	97320928	1933	10-612522	98147824	2759	1018574.41	10-0760022	824	9-9197804	50
11	97322912	1933	10-610473	98150089	2757	1018414.46	10-0773142	826	9-9176463	49
12	97324896	1933	10-608424	98152354	2757	1018411.15	10-0773143	826	9-9174922	48
13	97326880	1933	10-606375	98154619	2756	1018407.84	10-0773144	826	9-9173381	47
14	97328864	1933	10-604326	98156884	2756	1018404.53	10-0773145	826	9-9171840	46
15	97330848	1933	10-602277	98159149	2756	1018401.22	10-0773146	826	9-9170299	45
16	97332832	1925	10-600228	98161414	2754	1018206.65	10-0772729	830	9-9148958	44
17	97334816	1925	10-598179	98163679	2753	1018203.34	10-0772730	830	9-9147417	43
18	97336800	1925	10-596130	98165944	2753	1018200.03	10-0772731	830	9-9145876	42
19	97338784	1925	10-594081	98168209	2753	1018196.72	10-0772732	831	9-9144335	41
20	97340768	1925	10-592032	98170474	2753	1018193.41	10-0772733	831	9-9142794	40
21	97342752	1919	10-589983	98172739	2751	1018033.85	10-0781430	834	9-9121453	39
22	97344736	1919	10-587934	98175004	2751	1018030.54	10-0781431	834	9-9119912	38
23	97346720	1919	10-585885	98177269	2749	1018027.23	10-0781432	834	9-9118371	37
24	97348704	1919	10-583836	98179534	2749	1018023.92	10-0781433	834	9-9116830	36
25	97350688	1914	10-581787	98181799	2749	1018020.61	10-0781434	834	9-9115289	35
26	97352672	1913	10-579738	98184064	2748	1018017.30	10-0785064	834	9-9093948	34
27	97354656	1913	10-577689	98186329	2748	1018013.99	10-0785065	835	9-9092407	33
28	97356640	1911	10-575640	98188594	2748	1018010.68	10-0785066	835	9-9090866	32
29	97358624	1911	10-573591	98190859	2748	1018007.37	10-0785067	835	9-9089325	31
30	97360608	1909	10-571542	98193124	2748	1018004.06	10-0785068	836	9-9087784	30
31	97362592	1908	10-569493	98195389	2748	1018000.75	10-0785069	837	9-9086243	29
32	97364576	1907	10-567444	98197654	2748	1017997.44	10-0785070	838	9-9084702	28
33	97366560	1906	10-565395	98200000	2748	1017994.13	10-0785071	839	9-9083161	27
34	97368544	1904	10-563346	98202255	2748	1017990.82	10-0785072	839	9-9081620	26
35	97370528	1903	10-561297	98204510	2748	1017987.51	10-0785073	840	9-9080079	25
36	97372512	1902	10-559248	98206765	2748	1017984.20	10-0785074	840	9-9078538	24
37	97374496	1901	10-557199	98209020	2748	1017980.89	10-0785075	840	9-9076997	23
38	97376480	1900	10-555150	98211275	2748	1017977.58	10-0785076	841	9-9075456	22
39	97378464	1898	10-553101	98213530	2748	1017974.27	10-0785077	841	9-9073915	21
40	97380448	1897	10-551052	98215785	2748	1017970.96	10-0785078	842	9-9072374	20
41	97382432	1896	10-549003	98218040	2748	1017967.65	10-0785079	842	9-9070833	19
42	97384416	1895	10-546954	98220295	2748	1017964.34	10-0785080	843	9-9069292	18
43	97386400	1894	10-544905	98222550	2748	1017961.03	10-0785081	843	9-9067751	17
44	97388384	1893	10-542856	98224805	2748	1017957.72	10-0785082	844	9-9066210	16
45	97390368	1892	10-540807	98227060	2748	1017954.41	10-0785083	845	9-9064669	15
46	97392352	1890	10-538758	98229315	2748	1017951.10	10-0785084	845	9-9063128	14
47	97394336	1889	10-536709	98231570	2748	1017947.79	10-0785085	846	9-9061587	13
48	97396320	1887	10-534660	98233825	2748	1017944.48	10-0785086	846	9-9060046	12
49	97398304	1887	10-532611	98236080	2748	1017941.17	10-0785087	847	9-9058505	11
50	97400288	1885	10-530562	98238335	2748	1017937.86	10-0785088	847	9-9056964	10
51	97402272	1884	10-528513	98240590	2748	1017934.55	10-0785089	848	9-9055423	9
52	97404256	1883	10-526464	98242845	2748	1017931.24	10-0785090	848	9-9053882	8
53	97406240	1882	10-524415	98245100	2748	1017927.93	10-0785091	849	9-9052341	7
54	97408224	1881	10-522366	98247355	2748	1017924.62	10-0785092	849	9-9050800	6
55	97410208	1879	10-520317	98249610	2748	1017921.31	10-0785093	850	9-9049259	5
56	97412192	1878	10-518268	98251865	2748	1017917.99	10-0785094	850	9-9047718	4
57	97414176	1877	10-516219	98254120	2748	1017914.68	10-0785095	851	9-9046177	3
58	97416160	1876	10-514170	98256375	2748	1017911.37	10-0785096	851	9-9044636	2
59	97418144	1875	10-512121	98258630	2748	1017908.06	10-0785097	852	9-9043095	1
60	97420128	1874	10-510072	98260885	2748	1017904.75	10-0785098	852	9-9041554	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D	Sine	

TANGENTS, AND SECANTS.

A Deg.

	Sine	Dif.	Cosec.	Tang.	Dif.	Cotang.	Secant	D.	Cosine	
0	0.7475617		10.2521383	0.8289374	2725	10.1710129	10.0814258	852	0.9185742	60
1	0.7477450	1872	10.2522511	0.8292529	2724	10.1707401	10.0815110	853	0.9184890	59
2	0.7479283	1871	10.2523640	0.8295683	2724	10.1704673	10.0815963	854	0.9184037	58
3	0.7481116	1870	10.2524770	0.8298837	2724	10.1701945	10.0816817	854	0.9183183	57
4	0.7482949	1869	10.2525901	0.8301991	2722	10.1699217	10.0817671	854	0.9182329	56
5	0.7484782	1868	10.2527033	0.8305145	2723	10.1696489	10.0818525	855	0.9181475	55
6	0.7486615		10.2528166	0.8308299	2721	10.1693761	10.0819379	855	0.9180620	54
7	0.7488448	1865	10.2529300	0.8311453	2720	10.1691033	10.0820233	856	0.9179764	53
8	0.7490281	1864	10.2530434	0.8314607	2720	10.1688305	10.0821087	857	0.9178908	52
9	0.7492114	1863	10.2531568	0.8317761	2719	10.1685577	10.0821941	857	0.9178052	51
10	0.7493947	1861	10.2532702	0.8320915	2718	10.1682849	10.0822795	858	0.9177196	50
11	0.7495780	1860	10.2533836	0.8324069	2718	10.1680121	10.0823649	858	0.9176340	49
12	0.7497613	1859	10.2534970	0.8327223	2717	10.1677393	10.0824503	859	0.9175484	48
13	0.7499446	1857	10.2536104	0.8330377	2717	10.1674665	10.0825357	859	0.9174628	47
14	0.7501279	1856	10.2537238	0.8333531	2716	10.1671937	10.0826211	860	0.9173772	46
15	0.7503112	1855	10.2538372	0.8336685	2715	10.1669209	10.0827065	860	0.9172916	45
16	0.7504945	1853	10.2539506	0.8339839	2715	10.1666481	10.0827919	861	0.9172060	44
17	0.7506778	1853	10.2540640	0.8342993	2714	10.1663753	10.0828773	862	0.9171204	43
18	0.7508611	1851	10.2541774	0.8346147	2713	10.1661025	10.0829627	862	0.9170348	42
19	0.7510444	1851	10.2542908	0.8349301	2713	10.1658297	10.0830481	862	0.9169492	41
20	0.7512277	1849	10.2544042	0.8352455	2712	10.1655569	10.0831335	863	0.9168636	40
21	0.7514110	1847	10.2545176	0.8355609	2712	10.1652841	10.0832189	864	0.9167780	39
22	0.7515943	1847	10.2546310	0.8358763	2711	10.1650113	10.0833043	864	0.9166924	38
23	0.7517776	1846	10.2547444	0.8361917	2710	10.1647385	10.0833897	865	0.9166068	37
24	0.7519609	1844	10.2548578	0.8365071	2710	10.1644657	10.0834751	865	0.9165212	36
25	0.7521442	1844	10.2549712	0.8368225	2709	10.1641929	10.0835605	866	0.9164356	35
26	0.7523275	1842	10.2550846	0.8371379	2708	10.1639201	10.0836459	867	0.9163500	34
27	0.7525108	1841	10.2551980	0.8374533	2708	10.1636473	10.0837313	868	0.9162644	33
28	0.7526941	1840	10.2553114	0.8377687	2707	10.1633745	10.0838167	868	0.9161788	32
29	0.7528774	1839	10.2554248	0.8380841	2707	10.1631017	10.0839021	869	0.9160932	31
30	0.7530607	1838	10.2555382	0.8383995	2706	10.1628289	10.0839875	869	0.9160076	30
31	0.7532440	1836	10.2556516	0.8387149	2706	10.1625561	10.0840729	870	0.9159220	29
32	0.7534273	1836	10.2557650	0.8390303	2705	10.1622833	10.0841583	870	0.9158364	28
33	0.7536106	1834	10.2558784	0.8393457	2705	10.1620105	10.0842437	870	0.9157508	27
34	0.7537939	1833	10.2559918	0.8396611	2704	10.1617377	10.0843291	871	0.9156652	26
35	0.7539772	1831	10.2561052	0.8399765	2703	10.1614649	10.0844145	871	0.9155796	25
36	0.7541605	1831	10.2562186	0.8402919	2704	10.1611921	10.0844999	872	0.9154940	24
37	0.7543438	1830	10.2563320	0.8406073	2702	10.1609193	10.0845853	872	0.9154084	23
38	0.7545271	1829	10.2564454	0.8409227	2702	10.1606465	10.0846707	873	0.9153228	22
39	0.7547104	1827	10.2565588	0.8412381	2701	10.1603737	10.0847561	873	0.9152372	21
40	0.7548937	1827	10.2566722	0.8415535	2700	10.1601009	10.0848415	874	0.9151516	20
41	0.7550770	1825	10.2567856	0.8418689	2699	10.1598281	10.0849269	875	0.9150660	19
42	0.7552603	1825	10.2568990	0.8421843	2699	10.1595553	10.0850123	875	0.9149804	18
43	0.7554436	1824	10.2570124	0.8424997	2699	10.1592825	10.0850977	875	0.9148948	17
44	0.7556269	1822	10.2571258	0.8428151	2699	10.1590097	10.0851831	876	0.9148092	16
45	0.7558102	1822	10.2572392	0.8431305	2698	10.1587369	10.0852685	876	0.9147236	15
46	0.7559935	1820	10.2573526	0.8434459	2696	10.1584641	10.0853539	877	0.9146380	14
47	0.7561768	1818	10.2574660	0.8437613	2696	10.1581913	10.0854393	878	0.9145524	13
48	0.7563601	1817	10.2575794	0.8440767	2696	10.1579185	10.0855247	878	0.9144668	12
49	0.7565434	1816	10.2576928	0.8443921	2694	10.1576457	10.0856101	878	0.9143812	11
50	0.7567267	1815	10.2578062	0.8447075	2695	10.1573729	10.0856955	880	0.9142956	10
51	0.7569100	1814	10.2579196	0.8450229	2693	10.1571001	10.0857809	880	0.9142100	9
52	0.7570933	1812	10.2580330	0.8453383	2693	10.1568273	10.0858663	880	0.9141244	8
53	0.7572766	1812	10.2581464	0.8456537	2693	10.1565545	10.0859517	881	0.9140388	7
54	0.7574599	1810	10.2582598	0.8459691	2692	10.1562817	10.0860371	882	0.9139532	6
55	0.7576432	1809	10.2583732	0.8462845	2691	10.1560089	10.0861225	882	0.9138676	5
56	0.7578265	1808	10.2584866	0.8465999	2691	10.1557361	10.0862079	883	0.9137820	4
57	0.7580098	1807	10.2586000	0.8469153	2690	10.1554633	10.0862933	883	0.9136964	3
58	0.7581931	1805	10.2587134	0.8472307	2690	10.1551905	10.0863787	883	0.9136108	2
59	0.7583764	1805	10.2588268	0.8475461	2689	10.1549177	10.0864641	885	0.9135252	1
60	0.7585597	1803	10.2589402	0.8478615	2689	10.1546449	10.0865495	885	0.9134396	0
	Cosine	Dif.	Secant	Cotang.	Dif.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	97585213	1804	10-2414087	9-8452293	2688	10-1547732	10-0860358	885	9-9132945	80
1	97587717	1802	10-2417283	9-8454066	2688	10-1545044	10-0867340	885	9-9131780	80
2	97590319	1802	10-2410481	9-8457034	2688	10-1542066	10-0874325	885	9-9130615	80
3	97593021	1800	10-2408079	9-8460032	2688	10-1539048	10-0881311	887	9-9129450	80
4	97595821	1799	10-2405879	9-8463015	2687	10-1536021	10-0888298	887	9-9128285	80
5	97598720	1798	10-2403880	9-8465995	2685	10-1533005	10-0895286	887	9-9127120	80
6	97601718	1797	10-2402082	9-8468990	2685	10-1530010	10-0902272	888	9-9125955	80
7	97604815	1796	10-2401485	9-8471057	2685	10-1528025	10-0909258	888	9-9124790	80
8	97608011	1795	10-2399889	9-8473760	2684	10-1526040	10-0916244	889	9-9123625	80
9	97611321	1793	10-2397894	9-8476444	2683	10-1524055	10-0923230	889	9-9122460	80
10	97614839	1793	10-2396101	9-8479127	2683	10-1522073	10-0930218	890	9-9121295	80
11	97618502	1791	10-2394308	9-8481810	2682	10-1519190	10-0937210	891	9-9120130	80
12	97622343	1791	10-2392517	9-8484492	2682	10-1516208	10-0944200	892	9-9118965	80
13	97626374	1789	10-2390726	9-8487174	2681	10-1513228	10-0951190	892	9-9117800	80
14	97630593	1788	10-2388937	9-8489856	2681	10-1510245	10-0958180	892	9-9116635	80
15	97634911	1787	10-2387149	9-8492536	2680	10-1507264	10-0965168	893	9-9115470	80
16	97639438	1786	10-2385361	9-8495216	2680	10-1504284	10-0972158	894	9-9114305	80
17	97644174	1784	10-2383576	9-8497896	2679	10-1501304	10-0979148	894	9-9113140	80
18	97649119	1784	10-2381792	9-8500575	2678	10-1498325	10-0986138	895	9-9111975	80
19	97654282	1783	10-2380008	9-8503253	2678	10-1495345	10-0993128	895	9-9110810	80
20	97659655	1781	10-2378225	9-8505931	2677	10-1492366	10-1000118	896	9-9109645	80
21	97665238	1781	10-2376441	9-8508608	2677	10-1489387	10-1007108	897	9-9108480	80
22	97671031	1779	10-2374658	9-8511285	2676	10-1486408	10-1014098	898	9-9107315	80
23	97677044	1779	10-2372874	9-8513961	2676	10-1483429	10-1021088	898	9-9106150	80
24	97683287	1777	10-2371090	9-8516637	2675	10-1480450	10-1028078	899	9-9104985	80
25	97689760	1776	10-2369307	9-8519313	2675	10-1477471	10-1035068	899	9-9103820	80
26	97696473	1775	10-2367523	9-8521987	2674	10-1474492	10-1042058	900	9-9102655	80
27	97703426	1774	10-2365739	9-8524661	2674	10-1471513	10-1049048	900	9-9101490	80
28	97710629	1773	10-2363954	9-8527335	2673	10-1468534	10-1056038	901	9-9100325	80
29	97718082	1771	10-2362171	9-8530008	2672	10-1465555	10-1063028	901	9-9099160	80
30	97725785	1771	10-2360386	9-8532680	2672	10-1462576	10-1070018	901	9-9097995	80
31	97733738	1769	10-2358602	9-8535352	2671	10-1459597	10-1077008	902	9-9096830	80
32	97741941	1769	10-2356819	9-8538025	2671	10-1456618	10-1084000	902	9-9095665	80
33	97750394	1767	10-2355034	9-8540696	2671	10-1453639	10-1091000	904	9-9094500	80
34	97759107	1766	10-2353250	9-8543368	2670	10-1450660	10-1098000	904	9-9093335	80
35	97768080	1765	10-2351465	9-8546039	2670	10-1447681	10-1105000	904	9-9092170	80
36	97777323	1764	10-2349681	9-8548709	2669	10-1444702	10-1112000	905	9-9091005	80
37	97786836	1763	10-2347896	9-8551379	2669	10-1441723	10-1119000	905	9-9089840	80
38	97796609	1762	10-2346112	9-8554049	2667	10-1438744	10-1126000	906	9-9088675	80
39	97806642	1761	10-2344327	9-8556708	2665	10-1435765	10-1133000	907	9-9087510	80
40	97816935	1760	10-2342543	9-8559376	2668	10-1432786	10-1140000	908	9-9086345	80
41	97827488	1758	10-2340758	9-8562042	2668	10-1429807	10-1147000	908	9-9085180	80
42	97838301	1758	10-2338973	9-8564708	2668	10-1426828	10-1154000	908	9-9084015	80
43	97849374	1756	10-2337188	9-8567374	2665	10-1423849	10-1161000	909	9-9082850	80
44	97860707	1756	10-2335403	9-8570039	2665	10-1420870	10-1168000	909	9-9081685	80
45	97872300	1754	10-2333618	9-8572704	2664	10-1417891	10-1175000	910	9-9080520	80
46	97884153	1753	10-2331833	9-8575369	2663	10-1414912	10-1182000	910	9-9079355	80
47	97896276	1752	10-2330048	9-8578034	2663	10-1411933	10-1189000	911	9-9078190	80
48	97908669	1752	10-2328263	9-8580699	2663	10-1408954	10-1196000	911	9-9077025	80
49	97921332	1750	10-2326478	9-8583363	2662	10-1405975	10-1203000	912	9-9075860	80
50	97934285	1748	10-2324693	9-8586028	2661	10-1402996	10-1210000	913	9-9074695	80
51	97947538	1748	10-2322908	9-8588693	2661	10-1399997	10-1217000	913	9-9073530	80
52	97961091	1747	10-2321123	9-8591358	2659	10-1396998	10-1224000	914	9-9072365	80
53	97974944	1746	10-2319338	9-8594023	2659	10-1393999	10-1231000	914	9-9071200	80
54	97989197	1745	10-2317553	9-8596688	2658	10-1390999	10-1238000	915	9-9069995	80
55	97993850	1743	10-2315768	9-8599353	2657	10-1387999	10-1245000	916	9-9068830	80
56	98008903	1743	10-2313983	9-8602018	2658	10-1384999	10-1252000	916	9-9067665	80
57	98024256	1741	10-2312198	9-8604683	2658	10-1381999	10-1259000	917	9-9066500	80
58	98040009	1741	10-2310413	9-8607348	2658	10-1378999	10-1266000	918	9-9065335	80
59	98056162	1739	10-2308628	9-8610013	2656	10-1375999	10-1273000	918	9-9064170	80
60	98072715	1739	10-2306843	9-8612678	2656	10-1372999	10-1280000	919	9-9063005	80
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

TANGENTS, AND SECANTS.

86 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	0.7662187		10.2207613	0.8612610		10.1587390	10.0920424	018	0.9070576	60
1	0.7663925	1738	10.2206976	0.8615267	2637	10.1584783	10.0921342	018	0.9071858	59
2	0.7665662	1737	10.2206339	0.8617923	2636	10.1582977	10.0922260	019	0.9073140	58
3	0.7667398	1736	10.2205699	0.8620578	2635	10.1581122	10.0923180	020	0.9074422	57
4	0.7669134	1735	10.2205060	0.8623233	2634	10.1579267	10.0924100	021	0.9075704	56
5	0.7670868	1733	10.2204412	0.8625887	2634	10.1577413	10.0925020	021	0.9076986	55
6	0.7672601	1731	10.2203760	0.8628541	2634	10.1575559	10.0925941	021	0.9078268	54
7	0.7674332	1731	10.2203108	0.8631195	2633	10.1573705	10.0926862	022	0.9079550	53
8	0.7676063	1731	10.2202457	0.8633849	2632	10.1571851	10.0927784	023	0.9080832	52
9	0.7677793	1730	10.2201807	0.8636500	2632	10.1570000	10.0928707	023	0.9082114	51
10	0.7679522	1729	10.2201152	0.8639152	2632	10.1568146	10.0929630	024	0.9083396	50
11	0.7681249	1727	10.2200501	0.8641803	2631	10.1566292	10.0930554	024	0.9084678	49
12	0.7682976	1727	10.2200849	0.8644454	2631	10.1564438	10.0931478	025	0.9085960	48
13	0.7684702	1726	10.2200198	0.8647105	2630	10.1562584	10.0932403	026	0.9087242	47
14	0.7686428	1724	10.2200546	0.8649755	2630	10.1560730	10.0933328	026	0.9088524	46
15	0.7688154	1722	10.2200894	0.8652404	2630	10.1558876	10.0934255	026	0.9089806	45
16	0.7689879	1721	10.2200242	0.8655053	2630	10.1557022	10.0935181	027	0.9091088	44
17	0.7691603	1721	10.2200590	0.8657702	2630	10.1555168	10.0936108	028	0.9092370	43
18	0.7693327	1720	10.2200938	0.8660350	2630	10.1553314	10.0937036	028	0.9093652	42
19	0.7695051	1719	10.2201286	0.8663000	2630	10.1551460	10.0937964	029	0.9094934	41
20	0.7696775	1718	10.2201634	0.8665644	2630	10.1549606	10.0938893	030	0.9096216	40
21	0.7698499	1717	10.2201982	0.8668291	2630	10.1547752	10.0939823	030	0.9097498	39
22	0.7699923	1717	10.2202330	0.8670937	2630	10.1545898	10.0940753	030	0.9098780	38
23	0.7701647	1716	10.2202678	0.8673583	2630	10.1544044	10.0941683	031	0.9099962	37
24	0.7703371	1714	10.2203026	0.8676229	2630	10.1542190	10.0942614	032	0.9101244	36
25	0.7705095	1712	10.2203374	0.8678873	2630	10.1540336	10.0943546	032	0.9102526	35
26	0.7706819	1710	10.2203722	0.8681517	2630	10.1538482	10.0944478	033	0.9103808	34
27	0.7708543	1710	10.2204070	0.8684160	2630	10.1536628	10.0945411	033	0.9105090	33
28	0.7710267	1709	10.2204418	0.8686804	2630	10.1534774	10.0946344	034	0.9106372	32
29	0.7711991	1708	10.2204766	0.8689448	2630	10.1532920	10.0947278	035	0.9107654	31
30	0.7713715	1707	10.2205114	0.8692092	2630	10.1531066	10.0948213	035	0.9108936	30
31	0.7715439	1705	10.2205462	0.8694736	2631	10.1529212	10.0949148	036	0.9110218	29
32	0.7717163	1705	10.2205810	0.8697380	2631	10.1527358	10.0950084	036	0.9111500	28
33	0.7718887	1704	10.2206158	0.8699999	2631	10.1525504	10.0951020	037	0.9112782	27
34	0.7720611	1702	10.2206506	0.8702643	2631	10.1523650	10.0951957	037	0.9114064	26
35	0.7722335	1702	10.2206854	0.8705287	2631	10.1521796	10.0952894	038	0.9115346	25
36	0.7724059	1700	10.2207202	0.8707931	2630	10.1519942	10.0953832	039	0.9116628	24
37	0.7725783	1700	10.2207550	0.8710575	2630	10.1518088	10.0954770	039	0.9117910	23
38	0.7727507	1698	10.2207898	0.8713219	2630	10.1516234	10.0955709	040	0.9119192	22
39	0.7729231	1698	10.2208246	0.8715863	2630	10.1514380	10.0956648	040	0.9120474	21
40	0.7730955	1696	10.2208594	0.8718507	2630	10.1512526	10.0957589	041	0.9121756	20
41	0.7732679	1696	10.2208942	0.8721151	2630	10.1510672	10.0958530	041	0.9123038	19
42	0.7734403	1694	10.2209290	0.8723795	2630	10.1508818	10.0959471	042	0.9124320	18
43	0.7736127	1693	10.2209638	0.8726439	2630	10.1506964	10.0960413	042	0.9125602	17
44	0.7737851	1693	10.2210086	0.8729083	2630	10.1505110	10.0961356	043	0.9126884	16
45	0.7739575	1691	10.2210434	0.8731727	2630	10.1503256	10.0962299	044	0.9128166	15
46	0.7741299	1690	10.2210782	0.8734371	2630	10.1501402	10.0963243	044	0.9129448	14
47	0.7743023	1689	10.2211130	0.8737015	2630	10.1500548	10.0964187	045	0.9130730	13
48	0.7744747	1687	10.2211478	0.8739659	2630	10.1498694	10.0965132	045	0.9132012	12
49	0.7746471	1687	10.2211826	0.8742303	2630	10.1496840	10.0966077	046	0.9133294	11
50	0.7748195	1686	10.2212174	0.8744947	2630	10.1494986	10.0967023	046	0.9134576	10
51	0.7749919	1685	10.2212522	0.8747591	2630	10.1493132	10.0967969	047	0.9135858	9
52	0.7751643	1684	10.2212870	0.8750235	2630	10.1491278	10.0968915	048	0.9137140	8
53	0.7753367	1682	10.2213218	0.8752879	2630	10.1489424	10.0969861	048	0.9138422	7
54	0.7755091	1682	10.2213566	0.8755523	2630	10.1487570	10.0970807	049	0.9139704	6
55	0.7756815	1681	10.2213914	0.8758167	2630	10.1485716	10.0971753	050	0.9140986	5
56	0.7758539	1680	10.2214262	0.8760811	2630	10.1483862	10.0972699	050	0.9142268	4
57	0.7760263	1679	10.2214610	0.8763455	2630	10.1482008	10.0973645	050	0.9143550	3
58	0.7761987	1678	10.2214958	0.8766099	2630	10.1480154	10.0974591	051	0.9144832	2
59	0.7763711	1677	10.2215306	0.8768743	2630	10.1478300	10.0975537	052	0.9146114	1
60	0.7765435	1677	10.2215654	0.8771387	2630	10.1476446	10.0976483	052	0.9147396	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	D.	Sine	

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	D.	Cosine	
0	97794000		10-2205370	98771144		10-1228856	10-0976514		9-0023136	60
1	97794306	1679	10-2205354	98773772	2638	10-1228828	10-0977486	952	9-0022541	59
2	97794612	1675	10-2205339	98776400	2628	10-1228800	10-0978419	953	9-0021951	58
3	97794918	1674	10-2205324	98779027	2617	10-1228773	10-0979342	954	9-0021362	57
4	97801323	1673	10-2195672	98781654	2607	10-1228745	10-0980265	955	9-0020774	56
5	97800000	1672	10-2197000	98784281	2606	10-1228717	10-0981188	956	9-0020185	55
6	97804671	1670	10-2195322	98786907	2606	10-1228689	10-0982111	957	9-0019596	54
7	97805341	1669	10-2193850	98789534	2605	10-1228661	10-0983034	958	9-0019007	53
8	97806010	1667	10-2191990	98792161	2604	10-1228633	10-0983957	959	9-0018418	52
9	97806679	1667	10-2190322	98794787	2603	10-1228605	10-0984880	960	9-0017829	51
10	97811344	1666	10-2188854	98797414	2602	10-1228577	10-0985803	961	9-0017240	50
11	97813010	1665	10-2186970	98800041	2602	10-1228549	10-0986726	962	9-0016651	49
12	97814675	1664	10-2186325	98802668	2603	10-1228521	10-0987649	963	9-0016062	48
13	97816339	1663	10-2185361	98805295	2603	10-1228493	10-0988572	964	9-0015473	47
14	97818002	1662	10-2184193	98807922	2602	10-1228465	10-0989495	965	9-0014884	46
15	97819664	1660	10-2183036	98810549	2602	10-1228437	10-0990418	966	9-0014295	45
16	97821324	1660	10-2181867	98813176	2601	10-1228409	10-0991341	967	9-0013706	44
17	97822984	1659	10-2180701	98815803	2601	10-1228381	10-0992264	968	9-0013117	43
18	97824643	1658	10-2179535	98818430	2601	10-1228353	10-0993187	969	9-0012528	42
19	97826301	1657	10-2178369	98821057	2600	10-1228325	10-0994110	970	9-0011939	41
20	97827959	1656	10-2177202	98823684	2600	10-1228297	10-0995033	971	9-0011350	40
21	97829614	1654	10-2176036	98826311	2600	10-1228269	10-0995956	972	9-0010761	39
22	97831264	1654	10-2174870	98828938	2600	10-1228241	10-0996879	973	9-0010172	38
23	97832922	1653	10-2173703	98831565	2600	10-1228213	10-0997802	974	9-0009583	37
24	97834575	1652	10-2172537	98834192	2600	10-1228185	10-0998725	975	9-0008994	36
25	97836227	1651	10-2171370	98836819	2600	10-1228157	10-0999648	976	9-0008405	35
26	97837878	1650	10-2170204	98839446	2600	10-1228129	10-1000571	977	9-0007816	34
27	97839528	1649	10-2169038	98842073	2600	10-1228101	10-1001494	978	9-0007227	33
28	97841177	1648	10-2167871	98844700	2600	10-1228073	10-1002417	979	9-0006638	32
29	97842824	1647	10-2166705	98847327	2600	10-1228045	10-1003340	980	9-0006049	31
30	97844471	1646	10-2165538	98849954	2600	10-1228017	10-1004263	981	9-0005460	30
31	97846117	1645	10-2164372	98852581	2600	10-1227989	10-1005186	982	9-0004871	29
32	97847762	1644	10-2163206	98855208	2600	10-1227961	10-1006109	983	9-0004282	28
33	97849406	1643	10-2162039	98857835	2600	10-1227933	10-1007032	984	9-0003693	27
34	97851049	1642	10-2160873	98860462	2600	10-1227905	10-1007955	985	9-0003104	26
35	97852691	1641	10-2159706	98863089	2600	10-1227877	10-1008878	986	9-0002515	25
36	97854332	1640	10-2158540	98865716	2600	10-1227849	10-1009801	987	9-0001926	24
37	97855973	1639	10-2157373	98868343	2600	10-1227821	10-1010724	988	9-0001337	23
38	97857611	1638	10-2156207	98870970	2600	10-1227793	10-1011647	989	9-0000748	22
39	97859249	1637	10-2155040	98873597	2600	10-1227765	10-1012570	990	9-0000159	21
40	97860888	1636	10-2153874	98876224	2600	10-1227737	10-1013493	991	9-0000570	20
41	97862522	1635	10-2152707	98878851	2600	10-1227709	10-1014416	992	9-0000981	19
42	97864157	1634	10-2151541	98881478	2600	10-1227681	10-1015339	993	9-0000392	18
43	97865791	1633	10-2150374	98884105	2600	10-1227653	10-1016262	994	9-0000803	17
44	97867424	1632	10-2149208	98886732	2600	10-1227625	10-1017185	995	9-0000214	16
45	97869058	1631	10-2148041	98889359	2600	10-1227597	10-1018108	996	9-0000625	15
46	97870687	1630	10-2146875	98891986	2600	10-1227569	10-1019031	997	9-0000036	14
47	97872317	1629	10-2145708	98894613	2600	10-1227541	10-1020954	998	9-0000447	13
48	97873946	1628	10-2144542	98897240	2600	10-1227513	10-1021877	999	9-0000858	12
49	97875574	1628	10-2143375	98900000	2600	10-1227485	10-1022800	1000	9-0000269	11
50	97877202	1626	10-2142209	98902660	2600	10-1227457	10-1023723	1001	9-0000680	10
51	97878828	1625	10-2141042	98905320	2600	10-1227429	10-1024646	1002	9-0000091	9
52	97880453	1624	10-2139876	98907980	2600	10-1227401	10-1025569	1003	9-0000502	8
53	97882077	1624	10-2138709	98910640	2600	10-1227373	10-1026492	1004	9-0000913	7
54	97883701	1622	10-2137543	98913300	2600	10-1227345	10-1027415	1005	9-0000324	6
55	97885325	1621	10-2136376	98915960	2600	10-1227317	10-1028338	1006	9-0000735	5
56	97886944	1621	10-2135210	98918620	2600	10-1227289	10-1029261	1007	9-0000146	4
57	97888566	1619	10-2134043	98921280	2600	10-1227261	10-1030184	1008	9-0000557	3
58	97890184	1619	10-2132877	98923940	2600	10-1227233	10-1031107	1009	9-0000968	2
59	97891802	1618	10-2131710	98926600	2600	10-1227205	10-1032030	1010	9-0000379	1
60	97893420	1618	10-2130544	98929260	2600	10-1227177	10-1032953	1011	9-0000790	0

Cosine Diff. Secant Cotang. Diff. Tang. Cosec. D. Sine

TANGENTS, AND SECANTS.

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	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	Diff.	Cosine	
0	0.7832429	1610	10.2100589	0.8025095	2634	10.1071802	10.1031679	987	0.8065321	60
1	0.7832579	1616	10.2101064	0.8025702	2634	10.1069298	10.1031602	989	0.8064134	59
2	0.7832732	1614	10.2101539	0.8026306	2633	10.1066921	10.1031525	988	0.8062948	58
3	0.7832885	1614	10.2101914	0.8026909	2632	10.1064544	10.1031448	989	0.8061762	57
4	0.7833038	1613	10.2102289	0.8027511	2633	10.1062167	10.1031371	990	0.8060576	56
5	0.7833191	1611	10.2102664	0.8028114	2631	10.1059790	10.1031294	990	0.8059390	55
6	0.7833344	1611	10.2103039	0.8028717	2632	10.1057413	10.1031217	991	0.8058204	54
7	0.7833497	1610	10.2103414	0.8029320	2631	10.1055036	10.1031140	992	0.8057018	53
8	0.7833650	1609	10.2103789	0.8029923	2630	10.1052659	10.1031063	992	0.8055832	52
9	0.7833803	1608	10.2104164	0.8030526	2631	10.1050282	10.1030986	992	0.8054646	51
10	0.7833956	1607	10.2104539	0.8031129	2630	10.1047905	10.1030909	993	0.8053460	50
11	0.7834109	1606	10.2104914	0.8031732	2630	10.1045528	10.1030832	994	0.8052274	49
12	0.7834262	1605	10.2105289	0.8032335	2630	10.1043151	10.1030755	995	0.8051088	48
13	0.7834415	1604	10.2105664	0.8032938	2629	10.1040774	10.1030678	995	0.8049902	47
14	0.7834568	1603	10.2106039	0.8033541	2629	10.1038397	10.1030601	995	0.8048716	46
15	0.7834721	1602	10.2106414	0.8034144	2629	10.1036020	10.1030524	997	0.8047530	45
16	0.7834874	1601	10.2106789	0.8034747	2629	10.1033643	10.1030447	998	0.8046344	44
17	0.7835027	1600	10.2107164	0.8035350	2629	10.1031266	10.1030370	998	0.8045158	43
18	0.7835180	1599	10.2107539	0.8035953	2629	10.1028889	10.1030293	998	0.8043972	42
19	0.7835333	1598	10.2107914	0.8036556	2629	10.1026512	10.1030216	998	0.8042786	41
20	0.7835486	1597	10.2108289	0.8037159	2628	10.1024135	10.1030139	1000	0.8041600	40
21	0.7835639	1597	10.2108664	0.8037762	2628	10.1021758	10.1030062	999	0.8040414	39
22	0.7835792	1596	10.2109039	0.8038365	2628	10.1019381	10.1030000	999	0.8039228	38
23	0.7835945	1595	10.2109414	0.8038968	2628	10.1017004	10.1030000	1001	0.8038042	37
24	0.7836098	1594	10.2109789	0.8039571	2628	10.1014627	10.1030000	1001	0.8036856	36
25	0.7836251	1593	10.2110164	0.8040174	2628	10.1012250	10.1030000	1001	0.8035670	35
26	0.7836404	1592	10.2110539	0.8040777	2628	10.1009873	10.1030000	1003	0.8034484	34
27	0.7836557	1592	10.2110914	0.8041380	2628	10.1007496	10.1030000	1002	0.8033298	33
28	0.7836710	1591	10.2111289	0.8041983	2628	10.1005119	10.1030000	1004	0.8032112	32
29	0.7836863	1590	10.2111664	0.8042586	2628	10.1002742	10.1030000	1004	0.8030926	31
30	0.7837016	1589	10.2112039	0.8043189	2628	10.1000365	10.1030000	1004	0.8029740	30
31	0.7837169	1588	10.2112414	0.8043792	2628	10.0997988	10.1030000	1005	0.8028554	29
32	0.7837322	1587	10.2112789	0.8044395	2628	10.0995611	10.1030000	1006	0.8027368	28
33	0.7837475	1586	10.2113164	0.8045000	2628	10.0993234	10.1030000	1007	0.8026182	27
34	0.7837628	1585	10.2113539	0.8045603	2628	10.0990857	10.1030000	1007	0.8024996	26
35	0.7837781	1584	10.2113914	0.8046206	2628	10.0988480	10.1030000	1008	0.8023810	25
36	0.7837934	1583	10.2114289	0.8046809	2628	10.0986103	10.1030000	1009	0.8022624	24
37	0.7838087	1582	10.2114664	0.8047412	2628	10.0983726	10.1030000	1010	0.8021438	23
38	0.7838240	1581	10.2115039	0.8048015	2628	10.0981349	10.1030000	1010	0.8020252	22
39	0.7838393	1580	10.2115414	0.8048618	2628	10.0978972	10.1030000	1010	0.8019066	21
40	0.7838546	1579	10.2115789	0.8049221	2628	10.0976595	10.1030000	1011	0.8017880	20
41	0.7838699	1577	10.2116164	0.8049824	2629	10.0974218	10.1030000	1012	0.8016694	19
42	0.7838852	1576	10.2116539	0.8050427	2629	10.0971841	10.1030000	1013	0.8015508	18
43	0.7839005	1576	10.2116914	0.8051030	2629	10.0969464	10.1030000	1013	0.8014322	17
44	0.7839158	1574	10.2117289	0.8051633	2629	10.0967087	10.1030000	1013	0.8013136	16
45	0.7839311	1574	10.2117664	0.8052236	2629	10.0964710	10.1030000	1014	0.8011950	15
46	0.7839464	1573	10.2118039	0.8052839	2629	10.0962333	10.1030000	1015	0.8010764	14
47	0.7839617	1571	10.2118414	0.8053442	2629	10.0959956	10.1030000	1016	0.8009578	13
48	0.7839770	1571	10.2118789	0.8054045	2629	10.0957579	10.1030000	1016	0.8008392	12
49	0.7839923	1570	10.2119164	0.8054648	2629	10.0955202	10.1030000	1017	0.8007206	11
50	0.7840076	1569	10.2119539	0.8055251	2629	10.0952825	10.1030000	1018	0.8006020	10
51	0.7840229	1568	10.2119914	0.8055854	2629	10.0950448	10.1030000	1019	0.8004834	9
52	0.7840382	1567	10.2120289	0.8056457	2629	10.0948071	10.1030000	1020	0.8003648	8
53	0.7840535	1566	10.2120664	0.8057060	2629	10.0945694	10.1030000	1021	0.8002462	7
54	0.7840688	1565	10.2121039	0.8057663	2629	10.0943317	10.1030000	1022	0.8001276	6
55	0.7840841	1564	10.2121414	0.8058266	2629	10.0940940	10.1030000	1023	0.8000090	5
56	0.7840994	1563	10.2121789	0.8058869	2629	10.0938563	10.1030000	1024	0.7998904	4
57	0.7841147	1562	10.2122164	0.8059472	2629	10.0936186	10.1030000	1025	0.7997718	3
58	0.7841300	1562	10.2122539	0.8060075	2629	10.0933809	10.1030000	1026	0.7996532	2
59	0.7841453	1560	10.2122914	0.8060678	2629	10.0931432	10.1030000	1027	0.7995346	1
60	0.7841606	1560	10.2123289	0.8061281	2629	10.0929055	10.1030000	1028	0.7994160	0

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	Diff.	Cosine	
0	97988718	1500	10.2011283	9.9083092	2583	10.0018306	10.1094071	1023	9.8905028	60
1	97990778	1558	10.2009722	9.9082275	2583	10.0018725	10.1093077	1024	9.8904033	61
2	97992838	1558	10.2008161	9.9081458	2584	10.0019143	10.1092081	1025	9.8903037	62
3	97994898	1557	10.2006600	9.9080640	2582	10.0019560	10.1091086	1026	9.8902042	63
4	97996958	1556	10.2005039	9.9079822	2581	10.0019978	10.1090091	1027	9.8901046	64
5	97999017	1555	10.2003478	9.9079003	2582	10.0020397	10.1100097	1028	9.8900050	65
6	97999062	1554	10.2001917	9.9078185	2581	10.0020815	10.1101121	1027	9.8899057	66
7	97999116	1553	10.2000356	9.9077368	2581	10.0021234	10.1102160	1028	9.8898062	67
8	98001169	1552	10.1998795	9.9076550	2580	10.0021653	10.1103173	1028	9.8897069	68
9	98003221	1551	10.1997234	9.9075732	2580	10.0022072	10.1104206	1029	9.8896074	69
10	98005272	1551	10.1995673	9.9074915	2580	10.0022491	10.1105235	1029	9.8895079	70
11	98007323	1549	10.1994112	9.9074097	2579	10.0022910	10.1106264	1030	9.8894083	71
12	98009374	1549	10.1992551	9.9073280	2579	10.0023329	10.1107294	1031	9.8893088	72
13	98011425	1547	10.1991000	9.9072462	2579	10.0023748	10.1108323	1031	9.8892093	73
14	98013476	1547	10.1989439	9.9071645	2579	10.0024167	10.1109352	1032	9.8891098	74
15	98015527	1546	10.1987878	9.9070827	2578	10.0024586	10.1110381	1032	9.8890103	75
16	98017578	1546	10.1986317	9.9070010	2578	10.0025005	10.1111410	1033	9.8889108	76
17	98019629	1545	10.1984756	9.9069192	2578	10.0025424	10.1112439	1034	9.8888113	77
18	98021680	1543	10.1983195	9.9068375	2577	10.0025843	10.1113468	1034	9.8887118	78
19	98023731	1543	10.1981634	9.9067557	2577	10.0026262	10.1114497	1035	9.8886123	79
20	98025782	1541	10.1980073	9.9066740	2577	10.0026681	10.1115526	1036	9.8885128	80
21	98027833	1540	10.1978512	9.9065922	2576	10.0027100	10.1116555	1037	9.8884133	81
22	98029884	1539	10.1976951	9.9065105	2576	10.0027519	10.1117584	1038	9.8883138	82
23	98031935	1539	10.1975390	9.9064287	2576	10.0027938	10.1118613	1039	9.8882143	83
24	98033986	1537	10.1973829	9.9063470	2576	10.0028357	10.1119642	1040	9.8881148	84
25	98036037	1537	10.1972268	9.9062652	2575	10.0028776	10.1120671	1040	9.8880153	85
26	98038088	1536	10.1970707	9.9061835	2575	10.0029195	10.1121700	1041	9.8879158	86
27	98040139	1534	10.1969146	9.9061017	2575	10.0029614	10.1122729	1042	9.8878163	87
28	98042190	1534	10.1967585	9.9060200	2574	10.0030033	10.1123758	1043	9.8877168	88
29	98044241	1533	10.1966024	9.9059382	2574	10.0030452	10.1124787	1044	9.8876173	89
30	98046292	1532	10.1964463	9.9058565	2573	10.0030871	10.1125816	1045	9.8875178	90
31	98048343	1531	10.1962902	9.9057747	2574	10.0031290	10.1126845	1046	9.8874183	91
32	98050394	1531	10.1961341	9.9056930	2573	10.0031709	10.1127874	1047	9.8873188	92
33	98052445	1529	10.1959780	9.9056112	2573	10.0032128	10.1128903	1048	9.8872193	93
34	98054496	1529	10.1958219	9.9055295	2573	10.0032547	10.1129932	1049	9.8871198	94
35	98056547	1527	10.1956658	9.9054477	2572	10.0032966	10.1130961	1050	9.8870203	95
36	98058598	1527	10.1955097	9.9053660	2572	10.0033385	10.1131990	1051	9.8869208	96
37	98060649	1525	10.1953536	9.9052842	2572	10.0033804	10.1133019	1052	9.8868213	97
38	98062700	1525	10.1951975	9.9052025	2571	10.0034223	10.1134048	1053	9.8867218	98
39	98064751	1524	10.1950414	9.9051207	2571	10.0034642	10.1135077	1054	9.8866223	99
40	98066802	1523	10.1948853	9.9050390	2571	10.0035061	10.1136106	1055	9.8865228	100
41	98068853	1522	10.1947292	9.9049572	2571	10.0035480	10.1137135	1056	9.8864233	1
42	98070904	1521	10.1945731	9.9048755	2570	10.0035899	10.1138164	1057	9.8863238	2
43	98072955	1521	10.1944170	9.9047937	2570	10.0036318	10.1139193	1058	9.8862243	3
44	98075006	1521	10.1942609	9.9047120	2570	10.0036737	10.1140222	1059	9.8861248	4
45	98077057	1519	10.1941048	9.9046302	2569	10.0037156	10.1141251	1060	9.8860253	5
46	98079108	1517	10.1939487	9.9045485	2569	10.0037575	10.1142280	1061	9.8859258	6
47	98081159	1517	10.1937926	9.9044667	2568	10.0037994	10.1143309	1062	9.8858263	7
48	98083210	1516	10.1936365	9.9043850	2568	10.0038413	10.1144338	1063	9.8857268	8
49	98085261	1515	10.1934804	9.9043032	2568	10.0038832	10.1145367	1064	9.8856273	9
50	98087312	1514	10.1933243	9.9042215	2568	10.0039251	10.1146396	1065	9.8855278	10
51	98089363	1513	10.1931682	9.9041397	2568	10.0039670	10.1147425	1066	9.8854283	11
52	98091414	1512	10.1930121	9.9040580	2567	10.0040089	10.1148454	1067	9.8853288	12
53	98093465	1511	10.1928560	9.9039762	2567	10.0040508	10.1149483	1068	9.8852293	13
54	98095516	1510	10.1927000	9.9038945	2567	10.0040927	10.1150512	1069	9.8851298	14
55	98097567	1510	10.1925439	9.9038127	2567	10.0041346	10.1151541	1070	9.8850303	15
56	98099618	1508	10.1923878	9.9037310	2566	10.0041765	10.1152570	1071	9.8849308	16
57	98101669	1508	10.1922317	9.9036492	2566	10.0042184	10.1153599	1072	9.8848313	17
58	98103720	1507	10.1920756	9.9035675	2566	10.0042603	10.1154628	1073	9.8847318	18
59	98105771	1506	10.1919195	9.9034857	2565	10.0043022	10.1155657	1074	9.8846323	19
60	98107822	1506	10.1917634	9.9034040	2565	10.0043441	10.1156686	1075	9.8845328	20
61	98109873	1505	10.1916073	9.9033222	2565	10.0043860	10.1157715	1076	9.8844333	21
62	98111924	1504	10.1914512	9.9032405	2565	10.0044279	10.1158744	1077	9.8843338	22
63	98113975	1503	10.1912951	9.9031587	2565	10.0044698	10.1159773	1078	9.8842343	23
64	98116026	1502	10.1911390	9.9030770	2565	10.0045117	10.1160802	1079	9.8841348	24
65	98118077	1501	10.1909829	9.9029952	2565	10.0045536	10.1161831	1080	9.8840353	25
66	98120128	1500	10.1908268	9.9029135	2565	10.0045955	10.1162860	1081	9.8839358	26
67	98122179	1499	10.1906707	9.9028317	2565	10.0046374	10.1163889	1082	9.8838363	27
68	98124230	1498	10.1905146	9.9027500	2565	10.0046793	10.1164918	1083	9.8837368	28
69	98126281	1497	10.1903585	9.9026682	2565	10.0047212	10.1165947	1084	9.8836373	29
70	98128332	1496	10.1902024	9.9025865	2565	10.0047631	10.1166976	1085	9.8835378	30
71	98130383	1495	10.1900463	9.9025047	2565	10.0048050	10.1168005	1086	9.8834383	31
72	98132434	1494	10.1898902	9.9024230	2565	10.0048469	10.1169034	1087	9.8833388	32
73	98134485	1493	10.1897341	9.9023412	2565	10.0048888	10.1170063	1088	9.8832393	33
74	98136536	1492	10.1895780	9.9022595	2565	10.0049307	10.1171092	1089	9.8831398	34
75	98138587	1491	10.1894219	9.9021777	2565	10.0049726	10.1172121	1090	9.8830403	35
76	98140638	1490	10.1892658	9.9020960	2565	10.0050145	10.1173150	1091	9.8829408	36
77	98142689	1489	10.1891097	9.9020142	2565	10.0050564	10.1174179	1092	9.8828413	37
78	98144740	1488	10.1889536	9.9019325	2565	10.0050983	10.1175208	1093	9.8827418	38
79	98146791	1487	10.1887975	9.9018507	2565	10.0051402	10.1176237	1094	9.8826423	39
80	98148842	1486	10.1886414	9.9017690	2565	10.0051821	10.1177266	1095	9.8825428	40
81	98150893	1485	10.1884853	9.9016872	2565	10.0052240	10.1178295	1096	9.8824433	41
82	98152944	1484	10.1883292	9.9016055	2565	10.0052659	10.1179324	1097	9.8823438	42
83	98154995	1483	10.1881731	9.9015237	2565	10.0053078	10.1180353	1098	9.8822443	43
84	98157046	1482	10.1880170	9.9014420	2565	10.0053497	10.1181382	1099	9.8821448	44
85	98159097	1481	10.1878609	9.9013602	2565	10.0053916	10.1182411	1100	9.8820453	45
86	98161148	1480	10.1877048	9.9012785	2565	10.0054335	10.1183440	1101	9.8819458	46
87	98163199	1479	10.1875487	9.9011967	2565	10.0054754	10.1184469	1102	9.8818463	47
88	98165250	1478	10.1873926	9.9011150	2565	10.0055173	10.1185498	1103	9.8817468	48
89	98167301	1477	10.1872365	9.9010332	2565	10.0055592	10.1186527	1104	9.8816473	49
90	98169352	1476	10.1870804	9.9009515	2565	10.0056011	10.1187556	1105	9.8815478	50
91	98171403	1475	10.1869243	9.9008697	2565	10.0056430	10.1188585	1106	9.8814483	51
92	98173454	1474	10.1867682	9.9007880	2565	10.0056849	10.			

TANGENTS, AND SECANTS.

40 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	Diff.	Cosine	
0	0.8910676		10.1019325	0.9239135		10.0761865	10.1157460		0.8842540	60
1	0.8912150	1505	10.1017820	0.9240701	2565	10.0759229	10.1158521	1091	0.8841470	59
2	0.8913624	1504	10.1016310	0.9242269	2565	10.0756724	10.1159582	1091	0.8840418	58
3	0.8915098	1502	10.1014812	0.9243831	2565	10.0754169	10.1160643	1093	0.8839357	57
4	0.8916572	1502	10.1013310	0.9245396	2565	10.0751604	10.1161700	1092	0.8838294	56
5	0.8918046	1502	10.1011808	0.9246960	2564	10.0749040	10.1162763	1094	0.8837232	55
6	0.8919520	1500	10.1010308	0.9248524	2564	10.0746478	10.1163832	1094	0.8836168	54
7	0.8920994	1499	10.1008808	0.9250088	2564	10.0743912	10.1164906	1095	0.8835104	53
8	0.8922468	1498	10.1007309	0.9251652	2563	10.0741348	10.1165981	1095	0.8834039	52
9	0.8923942	1497	10.1005811	0.9253216	2563	10.0738785	10.1167062	1096	0.8832974	51
10	0.8925416	1496	10.1004314	0.9254778	2563	10.0736222	10.1168140	1097	0.8831908	50
11	0.8926890	1493	10.1002818	0.9256341	2563	10.0733659	10.1169219	1097	0.8830841	49
12	0.8928364	1493	10.1001322	0.9257904	2562	10.0731096	10.1170296	1098	0.8829774	48
13	0.8929838	1494	10.1000328	0.9259468	2562	10.0728534	10.1171374	1098	0.8828706	47
14	0.8931312	1494	10.1000334	0.9261032	2562	10.0725972	10.1172452	1098	0.8827638	46
15	0.8932786	1493	10.1000340	0.9262596	2562	10.0723410	10.1173532	1070	0.8826568	45
16	0.8934260	1491	10.1000346	0.9264160	2561	10.0720848	10.1174611	1071	0.8825499	44
17	0.8935734	1490	10.1000352	0.9265724	2561	10.0718287	10.1175692	1071	0.8824429	43
18	0.8937208	1490	10.1000358	0.9267288	2561	10.0715726	10.1176773	1072	0.8823357	42
19	0.8938682	1488	10.1000364	0.9268852	2561	10.0713165	10.1177854	1072	0.8822285	41
20	0.8940156	1487	10.1000370	0.9270416	2560	10.0710604	10.1178935	1073	0.8821213	40
21	0.8941630	1487	10.1000376	0.9271980	2560	10.0708044	10.1179980	1073	0.8820140	39
22	0.8943104	1486	10.1000382	0.9273544	2560	10.0705484	10.1180983	1073	0.8819067	38
23	0.8944578	1485	10.1000388	0.9275108	2560	10.0702924	10.1182003	1075	0.8817992	37
24	0.8946052	1484	10.1000394	0.9276672	2560	10.0700364	10.1183023	1074	0.8816918	36
25	0.8947526	1483	10.1000400	0.9278236	2560	10.0697805	10.1184113	1076	0.8815842	35
26	0.8948999	1482	10.1000406	0.9279800	2559	10.0695245	10.1185234	1077	0.8814766	34
27	0.8950473	1481	10.1000412	0.9281364	2558	10.0692685	10.1186311	1077	0.8813689	33
28	0.8951947	1481	10.1000418	0.9282928	2559	10.0690125	10.1187388	1077	0.8812612	32
29	0.8953421	1481	10.1000424	0.9284492	2558	10.0687565	10.1188466	1078	0.8811534	31
30	0.8954895	1479	10.1000430	0.9286056	2558	10.0685005	10.1189545	1079	0.8810455	30
31	0.8956369	1478	10.1000436	0.9287620	2558	10.0682445	10.1190624	1080	0.8809376	29
32	0.8957843	1477	10.1000442	0.9289184	2557	10.0679885	10.1191704	1081	0.8808295	28
33	0.8959317	1476	10.1000448	0.9290748	2558	10.0677325	10.1192785	1081	0.8807216	27
34	0.8960791	1475	10.1000454	0.9292312	2557	10.0674765	10.1193866	1082	0.8806136	26
35	0.8962265	1474	10.1000460	0.9293876	2557	10.0672205	10.1194948	1082	0.8805055	25
36	0.8963739	1474	10.1000466	0.9295440	2556	10.0669645	10.1196030	1083	0.8803970	24
37	0.8965213	1473	10.1000472	0.9297004	2556	10.0667085	10.1197113	1084	0.8802887	23
38	0.8966687	1471	10.1000478	0.9298568	2557	10.0664525	10.1198197	1084	0.8801803	22
39	0.8968161	1471	10.1000484	0.9299132	2556	10.0661965	10.1199281	1085	0.8800719	21
40	0.8969635	1470	10.1000490	0.9300696	2555	10.0659405	10.1200366	1086	0.8799634	20
41	0.8971109	1469	10.1000496	0.9302260	2555	10.0656845	10.1201452	1086	0.8798548	19
42	0.8972583	1469	10.1000502	0.9303824	2555	10.0654285	10.1202538	1086	0.8797462	18
43	0.8974057	1467	10.1000508	0.9305388	2555	10.0651725	10.1203625	1087	0.8796375	17
44	0.8975531	1467	10.1000514	0.9306952	2555	10.0649165	10.1204713	1088	0.8795287	16
45	0.8977005	1465	10.1000520	0.9308516	2554	10.0646605	10.1205801	1089	0.8794199	15
46	0.8978479	1465	10.1000526	0.9310080	2555	10.0644045	10.1206890	1089	0.8793110	14
47	0.8979953	1464	10.1000532	0.9311644	2554	10.0641485	10.1207979	1089	0.8792021	13
48	0.8981427	1463	10.1000538	0.9313208	2554	10.0638925	10.1209070	1091	0.8790932	12
49	0.8982901	1463	10.1000544	0.9314772	2553	10.0636365	10.1210160	1090	0.8789840	11
50	0.8984375	1461	10.1000550	0.9316336	2554	10.0633805	10.1211252	1092	0.8788748	10
51	0.8985849	1461	10.1000556	0.9317900	2553	10.0631245	10.1212344	1093	0.8787656	9
52	0.8987323	1459	10.1000562	0.9319464	2553	10.0628685	10.1213437	1093	0.8786563	8
53	0.8988797	1459	10.1000568	0.9321028	2553	10.0626125	10.1214530	1094	0.8785470	7
54	0.8990271	1458	10.1000574	0.9322592	2553	10.0623565	10.1215624	1095	0.8784376	6
55	0.8991745	1457	10.1000580	0.9324156	2552	10.0621005	10.1216719	1095	0.8783281	5
56	0.8993219	1457	10.1000586	0.9325720	2552	10.0618445	10.1217814	1096	0.8782186	4
57	0.8994693	1455	10.1000592	0.9327284	2552	10.0615885	10.1218910	1096	0.8781090	3
58	0.8996167	1454	10.1000598	0.9328848	2552	10.0613325	10.1220006	1098	0.8779994	2
59	0.8997641	1454	10.1000604	0.9330412	2552	10.0610765	10.1221104	1097	0.8778898	1
60	0.8999115	1454	10.1000610	0.9331976	2552	10.0608205	10.1222201	1097	0.8777799	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	Diff.	Sine	

	Sine	Diff.	Consec.	Tang.	Diff.	Cotang.	Secant	Diff.	Cosine	
0	9 8160429		10 1830271	9 9332631		19 0608369	10 1222201		9 8777799	60
1	0 8170882	1453	10 1829116	9 9304182	2551	19 0608318	10 1223100	1009	9 8777700	59
2	0 8172334	1452	10 1827668	9 9276733	2551	19 0608267	10 1223999	1009	9 8777601	58
3	0 8173785	1451	10 1826218	9 9249284	2551	19 0608216	10 1224899	1100	9 8777501	57
4	0 8175235	1450	10 1824765	9 9221835	2551	19 0608165	10 1225799	1100	9 8777401	56
5	0 8176685	1448	10 1823315	9 9204386	2551	19 0608115	10 1226700	1101	9 8777301	55
6	0 8178133		10 1821867	9 9186936	2550	19 0608064	10 1227602	1102	9 8777200	54
7	0 8179581	1448	10 1820419	9 9169486	2550	19 0608014	10 1228502	1102	9 8777119	53
8	0 8181029	1447	10 1818972	9 9152036	2550	19 0607964	10 1229404	1103	9 8777006	52
9	0 8182474	1446	10 1817526	9 9134586	2549	19 0607915	10 1230307	1104	9 8776903	51
10	0 8183919	1445	10 1816081	9 9117135	2550	19 0607865	10 1231211	1104	9 8776800	50
11	0 8185364		10 1814636	9 9100384	2549	19 0607815	10 1232115	1105	9 8776700	49
12	0 8186807	1443	10 1813193	9 9082233	2549	19 0607767	10 1233020	1106	9 8776600	48
13	0 8188250	1442	10 1811750	9 9064782	2549	19 0607719	10 1233925	1106	9 8776500	47
14	0 8189693	1442	10 1810308	9 9047331	2548	19 0607671	10 1234830	1107	9 8776400	46
15	0 8191133	1441	10 1808867	9 9029879	2549	19 0607623	10 1235735	1108	9 8776300	45
16	0 8192573		10 1807427	9 9012428	2548	19 0607575	10 1236640	1109	9 8776200	44
17	0 8194012	1439	10 1805983	9 9043978	2548	19 0607527	10 1237545	1109	9 8776100	43
18	0 8195450	1439	10 1804550	9 9043528	2548	19 0607479	10 1238450	1109	9 8776000	42
19	0 8196893	1438	10 1803112	9 9043077	2548	19 0607431	10 1239355	1111	9 8775900	41
20	0 8198335	1437	10 1801675	9 9042626	2547	19 0607383	10 1240260	1110	9 8775800	40
21	0 8199778	1436	10 1800239	9 9042175	2547	19 0607335	10 1241165	1112	9 8775700	39
22	0 8201219	1435	10 1798804	9 9041724	2548	19 0607287	10 1242070	1112	9 8775600	38
23	0 8202660	1434	10 1797370	9 9041273	2547	19 0607239	10 1242975	1113	9 8775500	37
24	0 8204103	1433	10 1795937	9 9040822	2546	19 0607191	10 1243880	1113	9 8775400	36
25	0 8205546	1433	10 1794504	9 9040371	2547	19 0607143	10 1244785	1114	9 8775300	35
26	0 8206987	1431	10 1793073	9 9040000	2546	19 0607095	10 1245690	1115	9 8775200	34
27	0 8208428	1431	10 1791642	9 9039549	2547	19 0607047	10 1246595	1115	9 8775100	33
28	0 8209869	1430	10 1790212	9 9039098	2546	19 0607000	10 1247500	1116	9 8775000	32
29	0 8211311	1429	10 1788783	9 9038647	2546	19 0606952	10 1248405	1117	9 8774900	31
30	0 8212754	1429	10 1787354	9 9038196	2545	19 0606904	10 1249310	1118	9 8774800	30
31	0 8214197	1427	10 1785927	9 9037745	2546	19 0606856	10 1250215	1118	9 8774700	29
32	0 8215640	1427	10 1784500	9 9037294	2545	19 0606808	10 1251120	1118	9 8774600	28
33	0 8217083	1426	10 1783074	9 9036843	2545	19 0606760	10 1252025	1120	9 8774500	27
34	0 8218525	1425	10 1781649	9 9036392	2545	19 0606712	10 1252930	1120	9 8774400	26
35	0 8219968	1424	10 1780225	9 9035941	2545	19 0606664	10 1253835	1121	9 8774300	25
36	0 8221411	1423	10 1778802	9 9035490	2545	19 0606616	10 1254740	1121	9 8774200	24
37	0 8222854	1421	10 1777379	9 9035039	2544	19 0606568	10 1255645	1122	9 8774100	23
38	0 8224297	1421	10 1775953	9 9034588	2544	19 0606520	10 1256550	1123	9 8774000	22
39	0 8225740	1420	10 1774537	9 9034137	2544	19 0606472	10 1257455	1124	9 8773900	21
40	0 8227183	1419	10 1773117	9 9033686	2544	19 0606424	10 1258360	1125	9 8773800	20
41	0 8228626		10 1771698	9 9033235	2544	19 0606376	10 1259265	1125	9 8773700	19
42	0 8229069	1419	10 1770279	9 9032784	2544	19 0606328	10 1260170	1126	9 8773600	18
43	0 8230512	1417	10 1768860	9 9032333	2543	19 0606280	10 1261075	1127	9 8773500	17
44	0 8231955	1417	10 1767445	9 9031882	2543	19 0606232	10 1261980	1127	9 8773400	16
45	0 8233398	1416	10 1766029	9 9031431	2543	19 0606184	10 1262885	1128	9 8773300	15
46	0 8234841	1414	10 1764614	9 9030980	2543	19 0606136	10 1263790	1128	9 8773200	14
47	0 8236284	1413	10 1763200	9 9030529	2543	19 0606088	10 1264695	1129	9 8773100	13
48	0 8237727	1413	10 1761787	9 9030078	2542	19 0606040	10 1265600	1129	9 8773000	12
49	0 8239170	1411	10 1760374	9 9029627	2543	19 0605992	10 1266505	1131	9 8772900	11
50	0 8240613	1411	10 1758963	9 9029176	2542	19 0605944	10 1267410	1131	9 8772800	10
51	0 8242056		10 1757552	9 9028725	2542	19 0605896	10 1268315	1131	9 8772700	9
52	0 8243499	1410	10 1756142	9 9028274	2542	19 0605848	10 1269220	1132	9 8772600	8
53	0 8244942	1409	10 1754733	9 9027823	2542	19 0605800	10 1270125	1132	9 8772500	7
54	0 8246385	1409	10 1753324	9 9027372	2541	19 0605752	10 1271030	1133	9 8772400	6
55	0 8247828	1407	10 1751917	9 9026921	2542	19 0605704	10 1271935	1134	9 8772300	5
56	0 8249271		10 1750519	9 9026470	2541	19 0605656	10 1272840	1135	9 8772200	4
57	0 8250714	1406	10 1749104	9 9026019	2541	19 0605608	10 1273745	1135	9 8772100	3
58	0 8252157	1405	10 1747692	9 9025568	2541	19 0605560	10 1274650	1136	9 8772000	2
59	0 8253600	1404	10 1746285	9 9025117	2541	19 0605512	10 1275555	1137	9 8771900	1
60	0 8255043	1404	10 1744881	9 9024666	2540	19 0605464	10 1276460	1137	9 8771800	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Consec.	Diff.	Sine	

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TANGENTS, AND SECANTS.

42 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	Diff.	Cosine	
0	0.6256109	1403	10.1744891	0.9544374	2541	10.0455626	10.1280265	1128	0.9710735	60
1	0.6256312	1401	10.1743888	0.9544915	2540	10.0455635	10.1280263	1129	0.9709597	59
2	0.6256513	1401	10.1742897	0.9545455	2540	10.0455645	10.1280262	1129	0.9708458	58
3	0.6256714	1401	10.1741906	0.9545995	2540	10.0455655	10.1280261	1140	0.9707319	57
4	0.6256915	1399	10.1740925	0.9546535	2540	10.0455665	10.1280261	1140	0.9706179	56
5	0.6257114	1398	10.1739946	0.9547075	2540	10.0455675	10.1280261	1141	0.9705039	55
6	0.6257312	1398	10.1738968	0.9547616	2539	10.0455685	10.1280261	1142	0.9703898	54
7	0.6257510	1397	10.1737990	0.9548156	2540	10.0455695	10.1280261	1143	0.9702756	53
8	0.6257707	1396	10.1737013	0.9548694	2539	10.0455705	10.1280261	1143	0.9701613	52
9	0.6257903	1395	10.1736037	0.9549233	2539	10.0455715	10.1280261	1144	0.9700470	51
10	0.6258099	1395	10.1735062	0.9549772	2539	10.0455725	10.1280261	1144	0.9699326	50
11	0.6258293	1394	10.1734087	0.9550311	2539	10.0455735	10.1280261	1145	0.9698182	49
12	0.6258487	1392	10.1733112	0.9550850	2538	10.0455745	10.1280261	1146	0.9697037	48
13	0.6258679	1392	10.1732137	0.9551389	2538	10.0455755	10.1280261	1147	0.9695891	47
14	0.6258871	1392	10.1731162	0.9551928	2538	10.0455765	10.1280261	1147	0.9694744	46
15	0.6259063	1390	10.1730187	0.9552466	2538	10.0455775	10.1280261	1148	0.9693597	45
16	0.6259255	1390	10.1729212	0.9553004	2538	10.0455785	10.1280261	1148	0.9692449	44
17	0.6259447	1388	10.1728237	0.9553542	2538	10.0455795	10.1280261	1149	0.9691301	43
18	0.6259639	1388	10.1727262	0.9554080	2538	10.0455805	10.1280261	1149	0.9690152	42
19	0.6259831	1387	10.1726287	0.9554618	2537	10.0455815	10.1280261	1151	0.9689002	41
20	0.6259999	1387	10.1725312	0.9555155	2538	10.0455825	10.1280261	1151	0.9687851	40
21	0.6260189	1385	10.1724337	0.9555693	2537	10.0455835	10.1280261	1152	0.9686700	39
22	0.6260378	1385	10.1723362	0.9556230	2537	10.0455845	10.1280261	1152	0.9685548	38
23	0.6260567	1384	10.1722387	0.9556768	2537	10.0455855	10.1280261	1154	0.9684396	37
24	0.6260756	1384	10.1721412	0.9557305	2537	10.0455865	10.1280261	1154	0.9683242	36
25	0.6260944	1382	10.1720437	0.9557842	2536	10.0455875	10.1280261	1154	0.9682088	35
26	0.6261132	1382	10.1719462	0.9558379	2537	10.0455885	10.1280261	1155	0.9680933	34
27	0.6261320	1381	10.1718487	0.9558916	2537	10.0455895	10.1280261	1155	0.9679777	33
28	0.6261508	1379	10.1717512	0.9559453	2536	10.0455905	10.1280261	1157	0.9678620	32
29	0.6261696	1379	10.1716537	0.9559990	2536	10.0455915	10.1280261	1157	0.9677463	31
30	0.6261884	1379	10.1715562	0.9560527	2536	10.0455925	10.1280261	1158	0.9676306	30
31	0.6262072	1377	10.1714587	0.9561064	2536	10.0455935	10.1280261	1159	0.9675148	29
32	0.6262260	1377	10.1713612	0.9561601	2536	10.0455945	10.1280261	1159	0.9673990	28
33	0.6262448	1376	10.1712637	0.9562138	2536	10.0455955	10.1280261	1160	0.9672832	27
34	0.6262636	1375	10.1711662	0.9562675	2536	10.0455965	10.1280261	1161	0.9671673	26
35	0.6262824	1374	10.1710687	0.9563212	2536	10.0455975	10.1280261	1161	0.9670515	25
36	0.6263012	1373	10.1709712	0.9563749	2535	10.0455985	10.1280261	1162	0.9669356	24
37	0.6263199	1373	10.1708737	0.9564286	2536	10.0455995	10.1280261	1163	0.9668197	23
38	0.6263387	1372	10.1707762	0.9564823	2535	10.0456005	10.1280261	1163	0.9667038	22
39	0.6263575	1371	10.1706787	0.9565360	2535	10.0456015	10.1280261	1164	0.9665878	21
40	0.6263763	1370	10.1705812	0.9565897	2535	10.0456025	10.1280261	1165	0.9664719	20
41	0.6263951	1370	10.1704837	0.9566434	2535	10.0456035	10.1280261	1165	0.9663559	19
42	0.6264139	1368	10.1703862	0.9566971	2535	10.0456045	10.1280261	1166	0.9662399	18
43	0.6264327	1368	10.1702887	0.9567508	2534	10.0456055	10.1280261	1167	0.9661239	17
44	0.6264515	1367	10.1701912	0.9568045	2535	10.0456065	10.1280261	1168	0.9660078	16
45	0.6264703	1366	10.1700937	0.9568582	2534	10.0456075	10.1280261	1168	0.9658918	15
46	0.6264891	1366	10.1700012	0.9569119	2534	10.0456085	10.1280261	1169	0.9657757	14
47	0.6265079	1364	10.1699037	0.9569656	2534	10.0456095	10.1280261	1170	0.9656596	13
48	0.6265267	1364	10.1698062	0.9570193	2535	10.0456105	10.1280261	1170	0.9655435	12
49	0.6265455	1363	10.1697087	0.9570730	2534	10.0456115	10.1280261	1171	0.9654273	11
50	0.6265643	1363	10.1696112	0.9571267	2534	10.0456125	10.1280261	1172	0.9653112	10
51	0.6265831	1361	10.1695137	0.9571804	2534	10.0456135	10.1280261	1172	0.9651951	9
52	0.6266019	1361	10.1694162	0.9572341	2534	10.0456145	10.1280261	1173	0.9650790	8
53	0.6266207	1360	10.1693187	0.9572878	2534	10.0456155	10.1280261	1173	0.9649629	7
54	0.6266395	1359	10.1692212	0.9573415	2534	10.0456165	10.1280261	1175	0.9648468	6
55	0.6266583	1358	10.1691237	0.9573952	2534	10.0456175	10.1280261	1175	0.9647307	5
56	0.6266771	1358	10.1690262	0.9574489	2533	10.0456185	10.1280261	1177	0.9646146	4
57	0.6266959	1356	10.1689287	0.9575026	2533	10.0456195	10.1280261	1177	0.9644985	3
58	0.6267147	1356	10.1688312	0.9575563	2533	10.0456205	10.1280261	1177	0.9643824	2
59	0.6267335	1355	10.1687337	0.9576100	2533	10.0456215	10.1280261	1177	0.9642663	1
60	0.6267523	1355	10.1686362	0.9576637	2533	10.0456225	10.1280261	1177	0.9641502	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	Diff.	Sine	

TANGENTS, AND SECANTS.

44 Deg.

	Sine	Diff.	Cosec.	Tang.	Diff.	Cotang.	Secant	Diff.	Cosine	
0	0.8417713	1203	10.1582267	0.9348372	2528	10.0151628	10.1430659	1220	0.8569341	60
1	0.8419091	1307	10.1580979	0.9350400	2528	10.0149100	10.1431579	1221	0.8568121	59
2	0.8420328	1394	10.1579672	0.9352348	2528	10.0146572	10.1432499	1222	0.8566900	58
3	0.8421534	1394	10.1578360	0.9354296	2528	10.0144044	10.1433419	1223	0.8565678	57
4	0.8422709	1395	10.1577041	0.9356244	2528	10.0141516	10.1434339	1223	0.8564455	56
5	0.8423854	1394	10.1575726	0.9358192	2528	10.0138988	10.1435259	1224	0.8563232	55
6	0.8424958	1393	10.1574412	0.9360140	2528	10.0136460	10.1436179	1224	0.8562009	54
7	0.8426051	1393	10.1573100	0.9362088	2528	10.0133932	10.1437099	1225	0.8560787	53
8	0.8427124	1392	10.1571786	0.9364036	2527	10.0131404	10.1438019	1225	0.8559564	52
9	0.8428197	1391	10.1570474	0.9365984	2528	10.0128877	10.1438939	1226	0.8558342	51
10	0.8429267	1390	10.1569163	0.9367932	2528	10.0126349	10.1439859	1226	0.8557119	50
11	0.8430337	1390	10.1567851	0.9369880	2527	10.0123821	10.1440779	1226	0.8555897	49
12	0.8431397	1389	10.1566540	0.9371828	2528	10.0121294	10.1441699	1227	0.8554675	48
13	0.8432457	1388	10.1565228	0.9373776	2527	10.0118766	10.1442619	1227	0.8553453	47
14	0.8433517	1387	10.1563917	0.9375724	2528	10.0116239	10.1443539	1227	0.8552231	46
15	0.8434577	1387	10.1562605	0.9377672	2527	10.0113711	10.1444459	1228	0.8551009	45
16	0.8435637	1386	10.1561294	0.9379620	2528	10.0111184	10.1445379	1228	0.8549787	44
17	0.8436697	1385	10.1559982	0.9381568	2527	10.0108656	10.1446299	1229	0.8548565	43
18	0.8437757	1385	10.1558671	0.9383516	2528	10.0106129	10.1447219	1229	0.8547343	42
19	0.8438817	1384	10.1557359	0.9385464	2527	10.0103601	10.1448139	1230	0.8546121	41
20	0.8439877	1383	10.1556048	0.9387412	2527	10.0101074	10.1449059	1231	0.8544899	40
21	0.8440937	1382	10.1554736	0.9389360	2528	10.0098547	10.1450000	1231	0.8543677	39
22	0.8441997	1381	10.1553425	0.9391308	2527	10.0096019	10.1450920	1232	0.8542455	38
23	0.8443057	1381	10.1552113	0.9393256	2527	10.0093492	10.1451840	1232	0.8541233	37
24	0.8444117	1380	10.1550802	0.9395204	2527	10.0090965	10.1452760	1233	0.8540011	36
25	0.8445177	1380	10.1549490	0.9397152	2527	10.0088438	10.1453680	1233	0.8538789	35
26	0.8446237	1379	10.1548179	0.9399100	2527	10.0085911	10.1454600	1234	0.8537567	34
27	0.8447297	1378	10.1546867	0.9401048	2527	10.0083384	10.1455520	1234	0.8536345	33
28	0.8448357	1378	10.1545556	0.9402996	2527	10.0080857	10.1456440	1235	0.8535123	32
29	0.8449417	1377	10.1544244	0.9404944	2527	10.0078330	10.1457360	1235	0.8533901	31
30	0.8450477	1376	10.1542933	0.9406892	2527	10.0075803	10.1458280	1236	0.8532679	30
31	0.8451537	1375	10.1541621	0.9408840	2527	10.0073276	10.1459200	1236	0.8531457	29
32	0.8452597	1375	10.1540310	0.9410788	2527	10.0070749	10.1460120	1237	0.8530235	28
33	0.8453657	1374	10.1539000	0.9412736	2527	10.0068222	10.1461040	1237	0.8529013	27
34	0.8454717	1373	10.1537688	0.9414684	2527	10.0065695	10.1461960	1238	0.8527791	26
35	0.8455777	1373	10.1536377	0.9416632	2527	10.0063168	10.1462880	1238	0.8526569	25
36	0.8456837	1372	10.1535065	0.9418580	2527	10.0060641	10.1463800	1239	0.8525347	24
37	0.8457897	1372	10.1533754	0.9420528	2527	10.0058114	10.1464720	1239	0.8524125	23
38	0.8458957	1371	10.1532442	0.9422476	2527	10.0055587	10.1465640	1240	0.8522903	22
39	0.8460017	1370	10.1531131	0.9424424	2527	10.0053060	10.1466560	1240	0.8521681	21
40	0.8461077	1370	10.1529819	0.9426372	2527	10.0050533	10.1467480	1241	0.8520459	20
41	0.8462137	1369	10.1528508	0.9428320	2527	10.0048006	10.1468400	1241	0.8519237	19
42	0.8463197	1368	10.1527196	0.9430268	2527	10.0045479	10.1469320	1242	0.8518015	18
43	0.8464257	1368	10.1525885	0.9432216	2526	10.0042952	10.1470240	1242	0.8516793	17
44	0.8465317	1367	10.1524573	0.9434164	2527	10.0040425	10.1471160	1243	0.8515571	16
45	0.8466377	1367	10.1523262	0.9436112	2527	10.0037898	10.1472080	1243	0.8514349	15
46	0.8467437	1366	10.1521950	0.9438060	2527	10.0035371	10.1473000	1244	0.8513127	14
47	0.8468497	1365	10.1520639	0.9440008	2526	10.0032844	10.1473920	1244	0.8511905	13
48	0.8469557	1365	10.1519327	0.9441956	2527	10.0030317	10.1474840	1245	0.8510683	12
49	0.8470617	1364	10.1518016	0.9443904	2527	10.0027790	10.1475760	1245	0.8509461	11
50	0.8471677	1363	10.1516704	0.9445852	2526	10.0025263	10.1476680	1246	0.8508239	10
51	0.8472737	1363	10.1515393	0.9447800	2527	10.0022736	10.1477600	1246	0.8507017	9
52	0.8473797	1362	10.1514081	0.9449748	2527	10.0020209	10.1478520	1247	0.8505795	8
53	0.8474857	1362	10.1512770	0.9451696	2526	10.0017682	10.1479440	1247	0.8504573	7
54	0.8475917	1361	10.1511458	0.9453644	2527	10.0015155	10.1480360	1248	0.8503351	6
55	0.8476977	1361	10.1510147	0.9455592	2526	10.0012628	10.1481280	1248	0.8502129	5
56	0.8478037	1360	10.1508835	0.9457540	2527	10.0010101	10.1482200	1249	0.8500907	4
57	0.8479097	1360	10.1507524	0.9459488	2527	10.0007574	10.1483120	1249	0.8500000	3
58	0.8480157	1359	10.1506212	0.9461436	2526	10.0005047	10.1484040	1250	0.8499000	2
59	0.8481217	1359	10.1504901	0.9463384	2527	10.0002520	10.1484960	1250	0.8498000	1
60	0.8482277	1358	10.1503589	0.9465332	2527	10.0000000	10.1485880	1251	0.8497000	0
	Cosine	Diff.	Secant	Cotang.	Diff.	Tang.	Cosec.	Diff.	Sine	

CIRCULAR MEASURE OF ANGLES, OR, LENGTH OF ARCS TO RADIUS = 1.

	0°	1°	2°	3°	4°	5°	6°	7°	
0	0000000	0174533	0349066	0523599	0698132	0872665	1047198	1221730	0
1	0002903	0177442	0351975	0526508	0701041	0875574	1050106	1224639	1
2	0005818	0180351	0354884	0529417	0703949	0878482	1053016	1227548	2
3	0008727	0183260	0357792	0532325	0706858	0881391	1055924	1230456	3
4	0011640	0186168	0360701	0535234	0709767	0884300	1058832	1233366	4
5	0014544	0189077	0363610	0538143	0712676	0887209	1061742	1236275	5
6	0017453	0191986	0366519	0541052	0715585	0890118	1064651	1239184	6
7	0020362	0194895	0369428	0543961	0718494	0893027	1067560	1242093	7
8	0023271	0197804	0372337	0546870	0721403	0895936	1070469	1245002	8
9	0026180	0200713	0375246	0549779	0724312	0898845	1073377	1247910	9
10	0029089	0203622	0378155	0552688	0727221	0901753	1076286	1250819	10
11	0031998	0206531	0381064	0555597	0730130	0904662	1079195	1253728	11
12	0034907	0209440	0383972	0558506	0733038	0907571	1082104	1256637	12
13	0037816	0212349	0386881	0561415	0735947	0910480	1085013	1259546	13
14	0040724	0215257	0389790	0564323	0738856	0913389	1087922	1262455	14
15	0043633	0218166	0392700	0567232	0741765	0916298	1090831	1265364	15
16	0046542	0221075	0395608	0570141	0744674	0919207	1093740	1268273	16
17	0049451	0223984	0398517	0573050	0747583	0922116	1096649	1271181	17
18	0052360	0226893	0401426	0575959	0750492	0925025	1099557	1274090	18
19	0055269	0229802	0404335	0578868	0753400	0927933	1102466	1277000	19
20	0058178	0232711	0407243	0581776	0756309	0930842	1105375	1279908	20
21	0061087	0235620	0410152	0584685	0759218	0933751	1108284	1282817	21
22	0063996	0238529	0413061	0587594	0762127	0936660	1111193	1285725	22
23	0066904	0241437	0415970	0590503	0765036	0939569	1114102	1288634	23
24	0069813	0244346	0418879	0593412	0767945	0942478	1117011	1291543	24
25	0072722	0247255	0421788	0596321	0770854	0945387	1119920	1294452	25
26	0075631	0250164	0424697	0599230	0773763	0948296	1122829	1297361	26
27	0078540	0253073	0427606	0602139	0776672	0951204	1125737	1300270	27
28	0081449	0255982	0430515	0605047	0779581	0954113	1128646	1303179	28
29	0084358	0258891	0433424	0607956	0782490	0957022	1131555	1306088	29
30	0087266	0261799	0436333	0610865	0785400	0959931	1134464	1308997	30
31	0090175	0264708	0439242	0613774	0788309	0962840	1137373	1311906	31
32	0093084	0267617	0442151	0616683	0791218	0965749	1140282	1314815	32
33	0095993	0270526	0445060	0619592	0794127	0968658	1143191	1317724	33
34	0098902	0273435	0447969	0622501	0797036	0971567	1146100	1320633	34
35	0101811	0276344	0450878	0625410	0799945	0974476	1149009	1323542	35
36	0104720	0279253	0453787	0628319	0802854	0977385	1151918	1326451	36
37	0107629	0282162	0456696	0631227	0805763	0980294	1154827	1329360	37
38	0110538	0285070	0459605	0634136	0808672	0983203	1157736	1332269	38
39	0113447	0287979	0462514	0637045	0811581	0986112	1160645	1335178	39
40	0116356	0290888	0465423	0639954	0814490	0989021	1163554	1338087	40
41	0119264	0293797	0468332	0642863	0817400	0991930	1166463	1340996	41
42	0122173	0296706	0471241	0645772	0820309	0994839	1169372	1343905	42
43	0125082	0299615	0474150	0648681	0823218	0997748	1172281	1346814	43
44	0127991	0302524	0477059	0651590	0826127	1000657	1175190	1349723	44
45	0130900	0305433	0479968	0654500	0829036	1003566	1178100	1352632	45
46	0133809	0308342	0482877	0657409	0831945	1006475	1181009	1355541	46
47	0136718	0311251	0485786	0660318	0834854	1009384	1183918	1358450	47
48	0139627	0314160	0488695	0663227	0837763	1012293	1186827	1361359	48
49	0142536	0317069	0491604	0666136	0840672	1015202	1189736	1364268	49
50	0145445	0319977	0494513	0669045	0843581	1018111	1192645	1367177	50
51	0148354	0322886	0497422	0671954	0846490	1021020	1195554	1370086	51
52	0151263	0325795	0500331	0674863	0849400	1023929	1198463	1372995	52
53	0154172	0328704	0503240	0677772	0852309	1026838	1201372	1375904	53
54	0157081	0331613	0506149	0680681	0855218	1029747	1204281	1378813	54
55	0159990	0334522	0509058	0683590	0858127	1032656	1207190	1381722	55
56	0162899	0337431	0511967	0686500	0861036	1035565	1210100	1384631	56
57	0165808	0340340	0514876	0689409	0863945	1038474	1213009	1387540	57
58	0168717	0343249	0517785	0692318	0866854	1041383	1215918	1390449	58
59	0171626	0346158	0520694	0695227	0869763	1044292	1218827	1393358	59
60	0174535	0349067	0523603	0698136	0872672	1047201	1221736	1396267	60

CIRCULAR MEASURE OF ANGLES,

	8°	9°	10°	11°	12°	13°	14°	15°	
0	1376203	1370798	1745329	1918662	2091395	2263928	2436461	2617994	0
1	1379172	1373765	1748223	1922771	2097301	2271837	2446370	2620003	1
2	1400361	1376614	1751147	1925630	2100213	2274740	2449279	2623112	2
3	1401990	1379523	1754056	1928589	2103122	2277655	2452183	2626221	3
4	1407929	1382432	1756965	1931493	2106031	2280564	2455090	2629229	4
5	1410808	1385341	1759874	1934407	2108940	2283472	2458005	2632238	5
6	1415717	1388250	1762783	1937315	2111849	2286381	2460914	2635247	6
7	1416726	1391159	1765691	1940224	2114757	2289290	2463823	2638256	7
8	1419534	1394067	1768600	1943133	2117666	2292199	2466732	2641265	8
9	1422443	1396976	1771509	1946042	2120575	2295108	2469641	2644274	9
10	1425352	1399885	1774418	1948951	2123484	2298017	2472550	2647283	10
11	1428261	1402794	1777327	1951860	2126393	2300926	2475459	2650292	11
12	1431170	1405703	1780236	1954769	2129302	2303835	2478368	2653300	12
13	1434079	1408612	1783145	1957678	2132211	2306744	2481277	2656309	13
14	1436988	1411521	1786054	1960587	2135120	2309653	2484186	2659318	14
15	1439897	1414430	1788962	1963495	2138029	2312561	2487094	2662327	15
16	1442806	1417339	1791871	1966404	2140938	2315470	2490003	2665336	16
17	1445715	1420248	1794780	1969313	2143846	2318379	2492912	2668345	17
18	1448624	1423157	1797689	1972222	2146755	2321288	2495821	2671354	18
19	1451533	1426066	1800098	1975131	2149664	2324197	2498730	2674363	19
20	1454442	1428974	1803007	1978040	2152573	2327106	2501639	2677372	20
21	1457350	1431883	1805916	1980949	2155482	2330015	2504547	2680381	21
22	1460259	1434792	1808825	1983858	2158391	2332923	2507456	2683390	22
23	1463168	1437701	1811734	1986767	2161300	2335832	2510365	2686400	23
24	1466077	1440610	1814643	1989675	2164209	2338741	2513274	2689409	24
25	1468986	1443519	1817552	1992584	2167117	2341650	2516183	2692418	25
26	1471895	1446428	1820461	1995493	2170026	2344559	2519092	2695427	26
27	1474804	1449337	1823370	1998402	2172935	2347468	2522001	2698436	27
28	1477713	1452246	1826279	2001311	2175844	2350377	2524910	2701445	28
29	1480622	1455155	1829188	2004220	2178753	2353286	2527819	2704454	29
30	1483531	1458064	1832097	2007129	2181662	2356195	2530727	2707463	30
31	1486440	1460973	1835006	2010038	2184571	2359104	2533636	2710472	31
32	1489349	1463882	1837915	2012947	2187480	2362013	2536545	2713481	32
33	1492258	1466791	1840824	2015856	2190389	2364922	2539454	2716490	33
34	1495167	1469700	1843733	2018765	2193298	2367831	2542363	2719500	34
35	1498076	1472609	1846642	2021674	2196207	2370740	2545272	2722509	35
36	1500985	1475518	1849551	2024583	2199116	2373649	2548181	2725518	36
37	1503894	1478427	1852460	2027492	2202025	2376558	2551090	2728527	37
38	1506803	1481336	1855369	2030401	2204934	2379467	2554000	2731536	38
39	1509712	1484245	1858278	2033310	2207843	2382376	2556909	2734545	39
40	1512621	1487154	1861187	2036219	2210752	2385285	2559818	2737554	40
41	1515530	1490063	1864096	2039128	2213661	2388194	2562727	2740563	41
42	1518439	1492972	1867005	2042037	2216570	2391103	2565636	2743572	42
43	1521348	1495881	1869914	2044946	2219479	2394012	2568545	2746581	43
44	1524257	1498790	1872823	2047855	2222388	2396921	2571454	2749590	44
45	1527166	1501700	1875732	2050764	2225297	2399830	2574363	2752600	45
46	1530075	1504609	1878641	2053673	2228206	2402739	2577272	2755609	46
47	1532984	1507518	1881550	2056582	2231115	2405648	2580181	2758618	47
48	1535893	1510427	1884459	2059491	2234024	2408557	2583090	2761627	48
49	1538802	1513336	1887368	2062400	2236933	2411466	2586000	2764636	49
50	1541711	1516245	1890277	2065309	2239842	2414375	2588909	2767645	50
51	1544620	1519154	1893186	2068218	2242751	2417284	2591818	2770654	51
52	1547529	1522063	1896095	2071127	2245660	2420193	2594727	2773663	52
53	1550438	1524972	1899004	2074036	2248569	2423102	2597636	2776672	53
54	1553347	1527881	1901913	2076945	2251478	2426011	2600545	2779681	54
55	1556256	1530790	1904822	2079854	2254387	2428920	2603454	2782690	55
56	1559165	1533700	1907731	2082763	2257296	2431829	2606363	2785700	56
57	1562074	1536609	1910640	2085672	2260205	2434738	2609272	2788709	57
58	1564983	1539518	1913549	2088581	2263114	2437647	2612181	2791718	58
59	1567892	1542427	1916458	2091490	2266023	2440556	2615090	2794727	59
60	1570801	1545336	1919367	2094400	2268932	2443465	2618000	2797736	60

CIRCULAR MEASURE OF ANGLES,

	16°	17°	18°	19°	20°	21°	22°	23°		
0	2°2527	2°07000	3°14589	3°31679	3°49069	3°66519	3°83974	4°01437	0	000000
1	2°295430	2°09900	3°144509	3°319094	3°493607	3°668100	3°842633	4°017168	1	0000048
2	2°338345	2°07277	3°14710	3°331943	3°496478	3°671008	3°845542	4°020074	2	0000097
3	2°381253	2°074786	3°150119	3°334352	3°499313	3°673913	3°848451	4°022984	3	0000145
4	2°424162	2°076895	3°15322	3°337261	3°502204	3°676827	3°851360	4°025893	4	0000194
5	2°467071	2°078904	3°156237	3°340070	3°505095	3°679736	3°854269	4°028802	5	0000242
6	2°509980	2°084513	3°159046	3°343579	3°509112	3°682645	3°857178	4°031711	6	0000291
7	2°552889	2°087422	3°161955	3°346488	3°511021	3°685554	3°860087	4°034620	7	0000339
8	2°595798	2°090331	3°164864	3°349397	3°513930	3°688462	3°862996	4°037529	8	0000388
9	2°638707	2°093240	3°167773	3°352306	3°516839	3°691371	3°865904	4°040437	9	0000436
10	2°681616	2°096149	3°170681	3°355214	3°519747	3°694280	3°868813	4°043346	10	0000485
11	2°724525	2°099057	3°173590	3°358123	3°522656	3°697189	3°871722	4°046255	11	0000533
12	2°767433	2°101966	3°176499	3°361031	3°525565	3°700098	3°874631	4°049164	12	0000582
13	2°810342	2°104875	3°179408	3°363941	3°528474	3°703007	3°877540	4°052073	13	0000630
14	2°853251	2°107784	3°182317	3°366850	3°531383	3°705916	3°880449	4°054982	14	0000679
15	2°896160	2°110693	3°185226	3°369760	3°534292	3°708825	3°883358	4°057891	15	0000727
16	2°939069	2°113602	3°188135	3°372669	3°537201	3°711734	3°886266	4°060800	16	0000776
17	2°981978	2°116511	3°191044	3°375577	3°540109	3°714642	3°889175	4°063708	17	0000824
18	2°104887	2°119420	3°193953	3°378486	3°543018	3°717551	3°892084	4°066617	18	0000873
19	2°107796	2°122329	3°196861	3°381394	3°545927	3°720460	3°894993	4°069526	19	0000921
20	2°110705	2°125237	3°199770	3°384303	3°548836	3°723369	3°897902	4°072435	20	0000970
21	2°113614	2°128146	3°202679	3°387212	3°551745	3°726278	3°900811	4°075344	21	0001018
22	2°116522	2°131055	3°205588	3°390121	3°554654	3°729187	3°903720	4°078253	22	0001067
23	2°119431	2°133964	3°208497	3°393030	3°557563	3°732096	3°906629	4°081162	23	0001115
24	2°122340	2°136873	3°211406	3°395939	3°560472	3°735005	3°909538	4°084070	24	0001164
25	2°125249	2°139782	3°214315	3°398848	3°563381	3°737914	3°912446	4°086979	25	0001212
26	2°128158	2°142691	3°217224	3°401757	3°566290	3°740822	3°915355	4°089888	26	0001261
27	2°131067	2°145600	3°220133	3°404666	3°569199	3°743731	3°918264	4°092797	27	0001309
28	2°133976	2°148509	3°223041	3°407574	3°572107	3°746640	3°921173	4°095706	28	0001357
29	2°136885	2°151417	3°225950	3°410483	3°575016	3°749549	3°924082	4°098615	29	0001406
30	2°139794	2°154326	3°228859	3°413392	3°577925	3°752458	3°926991	4°101524	30	0001454
31	2°142703	2°157235	3°231768	3°416301	3°580834	3°755367	3°929900	4°104433	31	0001503
32	2°145611	2°160144	3°234677	3°419210	3°583743	3°758276	3°932809	4°107342	32	0001551
33	2°148520	2°163053	3°237586	3°422119	3°586652	3°761185	3°935717	4°110250	33	0001600
34	2°151429	2°165962	3°240495	3°425028	3°589560	3°764094	3°938626	4°113159	34	0001648
35	2°154338	2°168871	3°243404	3°427938	3°592469	3°767002	3°941535	4°116068	35	0001697
36	2°157247	2°171779	3°246312	3°430845	3°595378	3°769911	3°944444	4°118977	36	0001745
37	2°160156	2°174688	3°249221	3°433754	3°598287	3°772820	3°947353	4°121886	37	0001794
38	2°163065	2°177597	3°252130	3°436663	3°601196	3°775729	3°950262	4°124795	38	0001842
39	2°165973	2°180506	3°255039	3°439572	3°604105	3°778638	3°953171	4°127704	39	0001891
40	2°168882	2°183415	3°257948	3°442481	3°607014	3°781547	3°956080	4°130613	40	0001939
41	2°171791	2°186324	3°260857	3°445390	3°609923	3°784456	3°958989	4°133521	41	0001988
42	2°174700	2°189233	3°263766	3°448299	3°612832	3°787364	3°961897	4°136430	42	0002036
43	2°177609	2°192142	3°266675	3°451208	3°615740	3°790273	3°964806	4°139339	43	0002085
44	2°180518	2°195051	3°269583	3°454116	3°618649	3°793182	3°967715	4°142248	44	0002133
45	2°183426	2°197960	3°272492	3°457025	3°621558	3°796091	3°970624	4°145157	45	0002181
46	2°186335	2°200869	3°275401	3°459934	3°624467	3°799000	3°973533	4°148066	46	0002230
47	2°189244	2°203777	3°278310	3°462843	3°627376	3°801909	3°976442	4°150975	47	0002279
48	2°192153	2°206686	3°281219	3°465752	3°630285	3°804818	3°979351	4°153884	48	0002327
49	2°195062	2°209595	3°284128	3°468661	3°633194	3°807727	3°982260	4°156793	49	0002376
50	2°197971	2°212504	3°287037	3°471570	3°636103	3°810636	3°985169	4°159701	50	0002424
51	2°200880	2°215413	3°289946	3°474479	3°639011	3°813544	3°988077	4°162610	51	0002473
52	2°203789	2°218322	3°292855	3°477388	3°641920	3°816453	3°990986	4°165519	52	0002521
53	2°206698	2°221231	3°295763	3°480297	3°644829	3°819362	3°993895	4°168428	53	0002570
54	2°209607	2°224139	3°298672	3°483206	3°647738	3°822271	3°996804	4°171337	54	0002618
55	2°212515	2°227048	3°301581	3°486114	3°650647	3°825180	3°999713	4°174246	55	0002666
56	2°215424	2°229957	3°304490	3°489023	3°653556	3°828089	4°002622	4°177155	56	0002715
57	2°218333	2°232866	3°307400	3°491932	3°656465	3°830998	4°005531	4°180064	57	0002763
58	2°221242	2°235775	3°310309	3°494841	3°659374	3°833907	4°008440	4°182973	58	0002812
59	2°224151	2°238684	3°313217	3°497750	3°662283	3°836816	4°011349	4°185882	59	0002860
60	2°227060	2°241593	3°316126	3°499659	3°665192	3°839724	4°014257	4°188791	60	0002909

	24°	25°	26°	27°	28°	29°	30°	31°	
0	4195700	4200323	4204946	4209569	4214192	4218815	4223438	4228061	0
1	4195709	4200323	4204946	4209569	4214192	4218815	4223438	4228061	1
2	4195718	4200323	4204946	4209569	4214192	4218815	4223438	4228061	2
3	4195727	4200323	4204946	4209569	4214192	4218815	4223438	4228061	3
4	4195736	4200323	4204946	4209569	4214192	4218815	4223438	4228061	4
5	4195745	4200323	4204946	4209569	4214192	4218815	4223438	4228061	5
6	4195754	4200323	4204946	4209569	4214192	4218815	4223438	4228061	6
7	4195763	4200323	4204946	4209569	4214192	4218815	4223438	4228061	7
8	4195772	4200323	4204946	4209569	4214192	4218815	4223438	4228061	8
9	4195781	4200323	4204946	4209569	4214192	4218815	4223438	4228061	9
10	4195790	4200323	4204946	4209569	4214192	4218815	4223438	4228061	10
11	4195799	4200323	4204946	4209569	4214192	4218815	4223438	4228061	11
12	4195808	4200323	4204946	4209569	4214192	4218815	4223438	4228061	12
13	4195817	4200323	4204946	4209569	4214192	4218815	4223438	4228061	13
14	4195826	4200323	4204946	4209569	4214192	4218815	4223438	4228061	14
15	4195835	4200323	4204946	4209569	4214192	4218815	4223438	4228061	15
16	4195844	4200323	4204946	4209569	4214192	4218815	4223438	4228061	16
17	4195853	4200323	4204946	4209569	4214192	4218815	4223438	4228061	17
18	4195862	4200323	4204946	4209569	4214192	4218815	4223438	4228061	18
19	4195871	4200323	4204946	4209569	4214192	4218815	4223438	4228061	19
20	4195880	4200323	4204946	4209569	4214192	4218815	4223438	4228061	20
21	4195889	4200323	4204946	4209569	4214192	4218815	4223438	4228061	21
22	4195898	4200323	4204946	4209569	4214192	4218815	4223438	4228061	22
23	4195907	4200323	4204946	4209569	4214192	4218815	4223438	4228061	23
24	4195916	4200323	4204946	4209569	4214192	4218815	4223438	4228061	24
25	4195925	4200323	4204946	4209569	4214192	4218815	4223438	4228061	25
26	4195934	4200323	4204946	4209569	4214192	4218815	4223438	4228061	26
27	4195943	4200323	4204946	4209569	4214192	4218815	4223438	4228061	27
28	4195952	4200323	4204946	4209569	4214192	4218815	4223438	4228061	28
29	4195961	4200323	4204946	4209569	4214192	4218815	4223438	4228061	29
30	4195970	4200323	4204946	4209569	4214192	4218815	4223438	4228061	30
31	4195979	4200323	4204946	4209569	4214192	4218815	4223438	4228061	31
32	4195988	4200323	4204946	4209569	4214192	4218815	4223438	4228061	32
33	4195997	4200323	4204946	4209569	4214192	4218815	4223438	4228061	33
34	4196006	4200323	4204946	4209569	4214192	4218815	4223438	4228061	34
35	4196015	4200323	4204946	4209569	4214192	4218815	4223438	4228061	35
36	4196024	4200323	4204946	4209569	4214192	4218815	4223438	4228061	36
37	4196033	4200323	4204946	4209569	4214192	4218815	4223438	4228061	37
38	4196042	4200323	4204946	4209569	4214192	4218815	4223438	4228061	38
39	4196051	4200323	4204946	4209569	4214192	4218815	4223438	4228061	39
40	4196060	4200323	4204946	4209569	4214192	4218815	4223438	4228061	40
41	4196069	4200323	4204946	4209569	4214192	4218815	4223438	4228061	41
42	4196078	4200323	4204946	4209569	4214192	4218815	4223438	4228061	42
43	4196087	4200323	4204946	4209569	4214192	4218815	4223438	4228061	43
44	4196096	4200323	4204946	4209569	4214192	4218815	4223438	4228061	44
45	4196105	4200323	4204946	4209569	4214192	4218815	4223438	4228061	45
46	4196114	4200323	4204946	4209569	4214192	4218815	4223438	4228061	46
47	4196123	4200323	4204946	4209569	4214192	4218815	4223438	4228061	47
48	4196132	4200323	4204946	4209569	4214192	4218815	4223438	4228061	48
49	4196141	4200323	4204946	4209569	4214192	4218815	4223438	4228061	49
50	4196150	4200323	4204946	4209569	4214192	4218815	4223438	4228061	50
51	4196159	4200323	4204946	4209569	4214192	4218815	4223438	4228061	51
52	4196168	4200323	4204946	4209569	4214192	4218815	4223438	4228061	52
53	4196177	4200323	4204946	4209569	4214192	4218815	4223438	4228061	53
54	4196186	4200323	4204946	4209569	4214192	4218815	4223438	4228061	54
55	4196195	4200323	4204946	4209569	4214192	4218815	4223438	4228061	55
56	4196204	4200323	4204946	4209569	4214192	4218815	4223438	4228061	56
57	4196213	4200323	4204946	4209569	4214192	4218815	4223438	4228061	57
58	4196222	4200323	4204946	4209569	4214192	4218815	4223438	4228061	58
59	4196231	4200323	4204946	4209569	4214192	4218815	4223438	4228061	59
60	4196240	4200323	4204946	4209569	4214192	4218815	4223438	4228061	60

CIRCULAR MEASURE OF ANGLES,

	32°	33°	34°	35°	36°	37°	38°	39°	"
0	658.064	6750587	6934119	710868*	7283185	7457713	7632251	7806784	0
1	6587962	6762495	6937023	7111561	7286004	7460677	7635160	7809003	1
2	6590871	6765404	6939937	7114470	7288903	7463586	7638069	7811907	2
3	6593780	6768313	6942846	7117379	7291812	7466445	7640978	7814811	3
4	6596689	6771222	6945755	7120288	7294721	7469344	7643887	7817715	4
5	6599598	6774131	6948664	7123197	7297630	7472253	7646796	7820619	5
6	6602507	6777040	6951573	7126106	7300539	7475172	7649704	7823527	6
7	6605416	6779949	6954483	7129015	7303458	7478080	7652613	7826436	7
8	6608325	6782858	6957391	7131923	7306366	7480989	7655522	7829345	8
9	6611233	6785768	6960300	7134832	7309275	7483898	7658431	7832254	9
10	6614142	6788676	6963209	7137741	7312184	7486807	7661340	7835163	10
11	6617051	6791584	6966117	7140650	7315093	7489716	7664249	7838072	11
12	6619960	6794493	6969026	7143559	7318002	7492625	7667158	7840981	12
13	6622869	6797402	6971935	7146468	7320911	7495534	7670067	7843890	13
14	6625778	6800311	6974844	7149377	7323820	7498443	7672976	7846800	14
15	6628687	6803220	6977753	7152286	7326729	7501352	7675885	7849709	15
16	6631596	6806129	6980662	7155195	7329638	7504261	7678794	7852618	16
17	6634505	6809038	6983571	7158104	7332547	7507170	7681703	7855527	17
18	6637414	6811947	6986480	7161013	7335456	7510079	7684612	7858436	18
19	6640323	6814856	6989389	7163922	7338365	7512988	7687521	7861345	19
20	6643232	6817765	6992298	7166831	7341274	7515897	7690430	7864254	20
21	6646141	6820674	6995207	7169740	7344183	7518806	7693339	7867163	21
22	6649050	6823583	6998116	7172649	7347092	7521715	7696248	7870072	22
23	6651959	6826492	7001025	7175558	7350001	7524624	7699157	7872981	23
24	6654868	6829401	7003934	7178467	7352910	7527533	7702066	7875890	24
25	6657777	6832310	7006843	7181376	7355819	7530442	7704975	7878800	25
26	6660686	6835219	7009752	7184285	7358728	7533351	7707884	7881709	26
27	6663595	6838128	7012661	7187194	7361637	7536260	7710793	7884618	27
28	6666504	6841037	7015570	7190103	7364546	7539169	7713702	7887527	28
29	6669413	6843946	7018479	7193012	7367455	7542078	7716611	7890436	29
30	6672322	6846855	7021388	7195921	7370364	7544987	7719520	7893345	30
31	6675231	6849764	7024297	7198830	7373273	7547896	7722429	7896254	31
32	6678140	6852673	7027206	7201739	7376182	7550805	7725338	7899163	32
33	6681049	6855582	7030115	7204648	7379091	7553714	7728247	7902072	33
34	6683958	6858491	7033024	7207557	7382000	7556623	7731156	7904981	34
35	6686867	6861400	7035933	7210466	7384909	7559532	7734065	7907890	35
36	6689776	6864309	7038842	7213375	7387818	7562441	7736974	7910800	36
37	6692685	6867218	7041751	7216284	7390727	7565350	7739883	7913709	37
38	6695594	6870127	7044660	7219193	7393636	7568259	7742792	7916618	38
39	6698503	6873036	7047569	7222102	7396545	7571168	7745701	7919527	39
40	6701412	6875945	7050478	7225011	7399454	7574077	7748610	7922436	40
41	6704321	6878854	7053387	7227920	7402363	7576986	7751519	7925345	41
42	6707230	6881763	7056296	7230829	7405272	7579895	7754428	7928254	42
43	6710139	6884672	7059205	7233738	7408181	7582804	7757337	7931163	43
44	6713048	6887581	7062114	7236647	7411090	7585713	7760246	7934072	44
45	6715957	6890490	7065023	7239556	7414000	7588622	7763155	7936981	45
46	6718866	6893399	7067932	7242465	7416909	7591531	7766064	7939890	46
47	6721775	6896308	7070841	7245374	7419818	7594440	7768973	7942800	47
48	6724684	6899217	7073750	7248283	7422727	7597349	7771882	7945709	48
49	6727593	6902126	7076659	7251192	7425636	7600258	7774791	7948618	49
50	6730502	6905035	7079568	7254101	7428545	7603167	7777700	7951527	50
51	6733411	6907944	7082477	7257010	7431454	7606076	7780609	7954436	51
52	6736320	6910853	7085386	7259919	7434363	7608985	7783518	7957345	52
53	6739229	6913762	7088295	7262828	7437272	7611894	7786427	7960254	53
54	6742138	6916671	7091204	7265737	7440181	7614803	7789336	7963163	54
55	6745047	6919580	7094113	7268646	7443090	7617712	7792245	7966072	55
56	6747956	6922489	7097022	7271555	7446000	7620621	7795154	7968981	56
57	6750865	6925398	7100031	7274464	7448909	7623530	7798063	7971890	57
58	6753774	6928307	7103040	7277373	7451818	7626439	7800972	7974800	58
59	6756683	6931216	7106049	7280282	7454727	7629348	7803881	7977709	59
60	6759592	6934125	7109058	7283191	7457636	7632257	7806790	7980618	60

	40°	41°	42°	43°	44°	45°	46°	47°	
0	6351317	7155850	7330333	7504916	7679499	7854082	8028515	8203047	0
1	6354220	7155750	7330292	7504825	7679358	7853958	8028423	8202956	1
2	6357135	7155653	7330251	7504734	7679266	7853870	8028332	8202865	2
3	6360044	7155577	7330110	7504642	7679175	7853782	8028241	8202774	3
4	6362953	7155485	7330018	7504551	7679084	7853691	8028150	8202683	4
5	6365861	7155394	7329927	7504460	7678993	7853600	8028059	8202592	5
6	6368770	7155302	7329836	7504369	7678902	7853511	8027968	8202501	6
7	6371679	7155211	7329745	7504278	7678811	7853423	8027877	8202410	7
8	6374588	7155120	7329654	7504187	7678720	7853332	8027786	8202319	8
9	6377497	7155029	7329563	7504096	7678629	7853241	8027695	8202228	9
10	6380406	7154938	7329472	7504005	7678538	7853150	8027604	8202137	10
11	7013315	7187849	7352331	7536913	7711446	7886070	8060512	8235045	11
12	7016221	7187757	7352239	7536822	7711355	7885983	8060421	8234954	12
13	7019132	7187665	7352148	7536731	7711264	7885897	8060330	8234863	13
14	7022041	7187574	7352057	7536640	7711173	7885810	8060239	8234772	14
15	7024950	7187483	7351966	7536549	7711082	7885724	8060148	8234681	15
16	7027859	7187392	7351875	7536458	7710991	7885638	8060057	8234590	16
17	7030768	7187301	7351784	7536367	7710900	7885552	8059966	8234499	17
18	7033677	7187210	7351693	7536276	7710809	7885466	8059875	8234408	18
19	7036586	7187119	7351602	7536185	7710718	7885380	8059784	8234317	19
20	7039495	7187028	7351511	7536094	7710627	7885294	8059693	8234226	20
21	7042404	7186937	7351420	7536003	7710536	7885208	8059602	8234135	21
22	7045313	7186846	7351329	7535912	7710445	7885122	8059511	8234044	22
23	7048222	7186755	7351238	7535821	7710354	7885036	8059420	8233953	23
24	7051131	7186664	7351147	7535730	7710263	7884950	8059329	8233862	24
25	7054040	7186573	7351056	7535639	7710172	7884864	8059238	8233771	25
26	7056949	7186482	7350965	7535548	7710081	7884778	8059147	8233680	26
27	7059858	7186391	7350874	7535457	7709990	7884692	8059056	8233589	27
28	7062767	7186300	7350783	7535366	7709899	7884606	8058965	8233498	28
29	7065676	7186209	7350692	7535275	7709808	7884520	8058874	8233407	29
30	7068585	7186118	7350601	7535184	7709717	7884434	8058783	8233316	30
31	7071494	7186027	7350510	7535093	7709626	7884348	8058692	8233225	31
32	7074403	7185936	7350419	7535002	7709535	7884262	8058601	8233134	32
33	7077312	7185845	7350328	7534911	7709444	7884176	8058510	8233043	33
34	7080221	7185754	7350237	7534820	7709353	7884090	8058419	8232952	34
35	7083130	7185663	7350146	7534729	7709262	7884004	8058328	8232861	35
36	7086039	7185572	7350055	7534638	7709171	7883918	8058237	8232770	36
37	7088948	7185481	7349964	7534547	7709080	7883832	8058146	8232679	37
38	7091857	7185390	7349873	7534456	7708989	7883746	8058055	8232588	38
39	7094766	7185299	7349782	7534365	7708898	7883660	8057964	8232497	39
40	7097675	7185208	7349691	7534274	7708807	7883574	8057873	8232406	40
41	7100584	7185117	7349600	7534183	7708716	7883488	8057782	8232315	41
42	7103493	7185026	7349509	7534092	7708625	7883402	8057691	8232224	42
43	7106402	7184935	7349418	7534001	7708534	7883316	8057600	8232133	43
44	7109311	7184844	7349327	7533910	7708443	7883230	8057509	8232042	44
45	7112220	7184753	7349236	7533819	7708352	7883144	8057418	8231951	45
46	7115129	7184662	7349145	7533728	7708261	7883058	8057327	8231860	46
47	7118038	7184571	7349054	7533637	7708170	7882972	8057236	8231769	47
48	7120947	7184480	7348963	7533546	7708079	7882886	8057145	8231678	48
49	7123856	7184389	7348872	7533455	7707988	7882800	8057054	8231587	49
50	7126765	7184298	7348781	7533364	7707897	7882714	8056963	8231496	50
51	7129674	7184207	7348690	7533273	7707806	7882628	8056872	8231405	51
52	7132583	7184116	7348600	7533182	7707715	7882542	8056781	8231314	52
53	7135492	7184025	7348509	7533091	7707624	7882456	8056690	8231223	53
54	7138401	7183934	7348418	7533000	7707533	7882370	8056600	8231132	54
55	7141310	7183843	7348327	7532909	7707442	7882284	8056509	8231041	55
56	7144219	7183752	7348236	7532818	7707351	7882198	8056418	8230950	56
57	7147128	7183661	7348145	7532727	7707260	7882112	8056327	8230859	57
58	7150037	7183570	7348054	7532636	7707169	7882026	8056236	8230768	58
59	7152946	7183479	7347963	7532545	7707078	7881940	8056145	8230677	59
60	7155855	7183388	7347872	7532454	7706987	7881854	8056054	8230586	60

CIRCULAR MEASURE OF ANGLES,

	48°	49°	50°	51°	52°	53°	54°	55°	
0	8377580	8552113	8720848	8891179	9075712	9255045	9424778	9599311	0
1	8380409	8555041	8723555	8894088	9078391	9258154	9427681	9602220	1
2	8383238	8557871	8726384	8896917	9081120	9260883	9430594	9605129	2
3	8386067	8560700	8729213	8899746	9083849	9263612	9433506	9608038	3
4	8388896	8563529	8732042	8902575	9086578	9266341	9436417	9610946	4
5	8391725	8566358	8734871	8905404	9089307	9269070	9439328	9613855	5
6	8394554	8569187	8737700	8908233	9092036	9271800	9442239	9616764	6
7	8397383	8572016	8740529	8911062	9094765	9274529	9445150	9619673	7
8	8400212	8574845	8743358	8913891	9097494	9277258	9448061	9622582	8
9	8403041	8577674	8746187	8916720	9100223	9280087	9450972	9625491	9
10	8405870	8580503	8749016	8919549	9102952	9282816	9453883	9628400	10
11	8408700	8583332	8751845	8922378	9105681	9285545	9456794	9631309	11
12	8411529	8586161	8754674	8925207	9108410	9288274	9459705	9634218	12
13	8414358	8588990	8757503	8928036	9111139	9291003	9462616	9637127	13
14	8417187	8591819	8760332	8930865	9113868	9293732	9465527	9640036	14
15	8420016	8594648	8763161	8933694	9116597	9296461	9468438	9642945	15
16	8422845	8597477	8765990	8936523	9119326	9299190	9471349	9645854	16
17	8425674	8600306	8768819	8939352	9122055	9301919	9474260	9648763	17
18	8428503	8603135	8771648	8942181	9124784	9304648	9477171	9651672	18
19	8431332	8605964	8774477	8945010	9127513	9307377	9480082	9654581	19
20	8434161	8608793	8777306	8947839	9130242	9310106	9482993	9657490	20
21	8436990	8611622	8780135	8950668	9132971	9312835	9485904	9660399	21
22	8439819	8614451	8782964	8953497	9135700	9315564	9488815	9663308	22
23	8442648	8617280	8785793	8956326	9138429	9318293	9491726	9666217	23
24	8445477	8620109	8788622	8959155	9141158	9321022	9494637	9669126	24
25	8448306	8622938	8791451	8961984	9143887	9323751	9497548	9672035	25
26	8451135	8625767	8794280	8964813	9146616	9326480	9500459	9674944	26
27	8453964	8628596	8797109	8967642	9149345	9329209	9503370	9677853	27
28	8456793	8631425	8800038	8970471	9152074	9331938	9506281	9680762	28
29	8459622	8634254	8802867	8973300	9154803	9334667	9509192	9683671	29
30	8462451	8637083	8805696	8976129	9157532	9337396	9512103	9686580	30
31	8465280	8639912	8808525	8978958	9160261	9340125	9515014	9689489	31
32	8468109	8642741	8811354	8981787	9162990	9342854	9517925	9692398	32
33	8470938	8645570	8814183	8984616	9165719	9345583	9520836	9695307	33
34	8473767	8648400	8817012	8987445	9168448	9348312	9523747	9698216	34
35	8476596	8651229	8819841	8990274	9171177	9351041	9526658	9701125	35
36	8479425	8654058	8822670	8993103	9173906	9353770	9529569	9704034	36
37	8482254	8656887	8825500	8995932	9176635	9356500	9532480	9706943	37
38	8485083	8659716	8828329	8998761	9179364	9359229	9535391	9709852	38
39	8487912	8662545	8831158	9001590	9182093	9361958	9538302	9712761	39
40	8490741	8665374	8833987	9004419	9184822	9364687	9541213	9715670	40
41	8493570	8668203	8836816	9007248	9187551	9367416	9544124	9718579	41
42	8496400	8671032	8839645	9010077	9190280	9370145	9547035	9721488	42
43	8499229	8673861	8842474	9012906	9193009	9372874	9549946	9724397	43
44	8502058	8676690	8845303	9015735	9195738	9375603	9552857	9727306	44
45	8504887	8679519	8848132	9018564	9198467	9378332	9555768	9730215	45
46	8507716	8682348	8850961	9021393	9201196	9381061	9558679	9733124	46
47	8510545	8685177	8853790	9024222	9203925	9383790	9561590	9736033	47
48	8513374	8688006	8856619	9027051	9206654	9386519	9564501	9738942	48
49	8516203	8690835	8859448	9029880	9209383	9389248	9567412	9741851	49
50	8519032	8693664	8862277	9032709	9212112	9391977	9570323	9744760	50
51	8521861	8696493	8865106	9035538	9214841	9394706	9573234	9747669	51
52	8524690	8699322	8867935	9038367	9217570	9397435	9576145	9750578	52
53	8527519	8702151	8870764	9041196	9220299	9400164	9579056	9753487	53
54	8530348	8704980	8873593	9044025	9223028	9402893	9581967	9756396	54
55	8533177	8707809	8876422	9046854	9225757	9405622	9584878	9759305	55
56	8536006	8710638	8879251	9049683	9228486	9408351	9587789	9762214	56
57	8538835	8713467	8882080	9052512	9231215	9411080	9590699	9765123	57
58	8541664	8716296	8884909	9055341	9233944	9413809	9593610	9768032	58
59	8544493	8719125	8887738	9058170	9236673	9416538	9596521	9770941	59
60	8547322	8721954	8890567	9061000	9239402	9419267	9599432	9773850	60

OR, LENGTH OF ARCS TO RADIUS = 1.

	56°	57°	58°	59°	60°	61°	62°		
0	9770844	9948377	1-0122010	1-0297443	1-0471976	1-0646503	1-0821041	0	0000000
1	9776753	9951258	1-0125519	1-0300351	1-0474834	1-0649417	1-0823950	1	0000048
2	9782662	9954194	1-0129277	1-0303260	1-0477793	1-0652326	1-0826860	2	0000097
3	9788570	9957103	1-0133036	1-0306169	1-0480702	1-0655235	1-0829768	3	0000145
4	9794479	9960012	1-0136845	1-0309078	1-0483611	1-0658144	1-0832677	4	0000194
5	9798388	9962921	1-0140754	1-0311987	1-0486520	1-0661053	1-0835586	5	0000242
6	9798297	9965830	1-0144663	1-0314896	1-0489429	1-0663962	1-0838495	6	0000291
7	9798206	9968739	1-0148572	1-0317805	1-0492338	1-0666871	1-0841404	7	0000339
8	9798115	9971648	1-0152481	1-0320714	1-0495247	1-0669779	1-0844312	8	0000388
9	9798024	9974557	1-0156390	1-0323623	1-0498156	1-0672688	1-0847221	9	0000436
10	9797933	9977466	1-0160303	1-0326531	1-0501064	1-0675597	1-0850130	10	0000485
11	9797842	9980374	1-0164207	1-0329440	1-0503973	1-0678506	1-0853039	11	0000533
12	9797750	9983283	1-0168116	1-0332349	1-0506882	1-0681415	1-0855948	12	0000582
13	9797659	9986192	1-0172025	1-0335258	1-0509791	1-0684324	1-0858857	13	0000630
14	9797568	9989101	1-0175934	1-0338167	1-0512700	1-0687233	1-0861766	14	0000679
15	9797477	9992010	1-0179843	1-0341076	1-0515609	1-0690142	1-0864675	15	0000727
16	9797386	9994919	1-0183752	1-0343985	1-0518518	1-0693051	1-0867583	16	0000776
17	9797295	9997828	1-0187661	1-0346894	1-0521427	1-0695960	1-0870492	17	0000824
18	9797204	1-0000737	1-0191570	1-0349803	1-0524336	1-0698869	1-0873401	18	0000873
19	9797113	1-0003646	1-0195479	1-0352712	1-0527244	1-0701777	1-0876310	19	0000921
20	9797022	1-0006554	1-0199388	1-0355621	1-0530153	1-0704686	1-0879219	20	0000970
21	9796931	1-0009463	1-0203297	1-0358530	1-0533062	1-0707595	1-0882128	21	0001018
22	9796840	1-0012372	1-0207206	1-0361439	1-0535971	1-0710504	1-0885037	22	0001067
23	9796749	1-0015281	1-0211115	1-0364348	1-0538880	1-0713413	1-0887946	23	0001115
24	9796658	1-0018190	1-0215024	1-0367257	1-0541789	1-0716322	1-0890854	24	0001164
25	9796567	1-0021099	1-0218933	1-0370166	1-0544698	1-0719231	1-0893763	25	0001212
26	9796476	1-0024008	1-0222842	1-0373075	1-0547607	1-0722140	1-0896672	26	0001261
27	9796385	1-0026917	1-0226751	1-0375984	1-0550516	1-0725049	1-0899581	27	0001309
28	9796294	1-0029826	1-0230660	1-0378893	1-0553425	1-0727958	1-0902490	28	0001357
29	9796203	1-0032735	1-0234569	1-0381802	1-0556334	1-0730867	1-0905399	29	0001406
30	9796112	1-0035644	1-0238478	1-0384711	1-0559243	1-0733776	1-0908308	30	0001454
31	9796021	1-0038553	1-0242387	1-0387620	1-0562152	1-0736685	1-0911217	31	0001503
32	9795930	1-0041462	1-0246296	1-0390529	1-0565061	1-0739594	1-0914126	32	0001551
33	9795839	1-0044371	1-0250205	1-0393438	1-0567970	1-0742503	1-0917035	33	0001600
34	9795748	1-0047280	1-0254114	1-0396347	1-0570879	1-0745412	1-0919944	34	0001648
35	9795657	1-0050189	1-0258023	1-0399256	1-0573788	1-0748321	1-0922853	35	0001697
36	9795566	1-0053098	1-0261932	1-0402165	1-0576697	1-0751230	1-0925762	36	0001745
37	9795475	1-0056007	1-0265841	1-0405074	1-0579606	1-0754139	1-0928671	37	0001794
38	9795384	1-0058916	1-0269750	1-0407983	1-0582515	1-0757048	1-0931580	38	0001842
39	9795293	1-0061825	1-0273659	1-0410892	1-0585424	1-0759957	1-0934489	39	0001891
40	9795202	1-0064734	1-0277568	1-0413801	1-0588333	1-0762866	1-0937397	40	0001939
41	9795111	1-0067643	1-0281477	1-0416710	1-0591242	1-0765775	1-0940306	41	0001988
42	9795020	1-0070552	1-0285386	1-0419619	1-0594151	1-0768684	1-0943215	42	0002036
43	9794929	1-0073461	1-0289295	1-0422528	1-0597060	1-0771593	1-0946124	43	0002085
44	9794838	1-0076370	1-0293204	1-0425437	1-0600000	1-0774502	1-0949033	44	0002133
45	9794747	1-0079279	1-0297113	1-0428346	1-0602909	1-0777411	1-0951942	45	0002182
46	9794656	1-0082188	1-0301022	1-0431255	1-0605818	1-0780320	1-0954851	46	0002230
47	9794565	1-0085097	1-0304931	1-0434164	1-0608727	1-0783229	1-0957760	47	0002279
48	9794474	1-0088006	1-0308840	1-0437073	1-0611636	1-0786138	1-0960669	48	0002327
49	9794383	1-0090915	1-0312749	1-0440000	1-0614545	1-0789047	1-0963578	49	0002376
50	9794292	1-0093824	1-0316658	1-0442909	1-0617454	1-0791956	1-0966487	50	0002424
51	9794201	1-0096733	1-0320567	1-0445818	1-0620363	1-0794865	1-0969396	51	0002473
52	9794110	1-0099642	1-0324476	1-0448727	1-0623272	1-0797774	1-0972305	52	0002521
53	9794019	1-0102551	1-0328385	1-0451636	1-0626181	1-0800683	1-0975214	53	0002570
54	9793928	1-0105460	1-0332294	1-0454545	1-0629090	1-0803592	1-0978123	54	0002618
55	9793837	1-0108369	1-0336203	1-0457454	1-0632000	1-0806501	1-0981032	55	0002667
56	9793746	1-0111278	1-0340112	1-0460363	1-0634909	1-0809410	1-0983941	56	0002715
57	9793655	1-0114187	1-0343921	1-0463272	1-0637818	1-0812319	1-0986850	57	0002764
58	9793564	1-0117096	1-0347830	1-0466181	1-0640727	1-0815228	1-0989759	58	0002812
59	9793473	1-0119905	1-0351739	1-0469090	1-0643636	1-0818137	1-0992668	59	0002861
60	9793382	1-0122814	1-0355648	1-0472000	1-0646545	1-0821046	1-0995577	60	0002909

CIRCULAR MEASURE OF ANGLES,

	63°	64°	65°	66°	67°	68°	69°	
0	1.0005574	1.1170107	1.1344040	1.1518173	1.1693706	1.1869739	1.2047272	0
1	1.0008433	1.1173016	1.1347549	1.1522032	1.1698615	1.1875145	1.2047481	1
2	1.0011393	1.1175925	1.1350458	1.1524991	1.1699524	1.1877087	1.2048400	2
3	1.0014301	1.1178834	1.1353367	1.1527900	1.1702433	1.1878068	1.2049318	3
4	1.0017210	1.1181743	1.1356276	1.1530809	1.1705342	1.1879074	1.2050247	4
5	1.0020119	1.1184652	1.1359185	1.1533717	1.1708250	1.1880078	1.2051166	5
6	1.0023028	1.1187561	1.1362093	1.1536626	1.1711159	1.1881093	1.2052085	6
7	1.0025936	1.1190469	1.1365002	1.1539535	1.1714068	1.1882107	1.2053004	7
8	1.0028845	1.1193378	1.1367911	1.1542444	1.1716977	1.1883121	1.2053923	8
9	1.0031754	1.1196287	1.1370820	1.1545353	1.1719886	1.1884135	1.2054842	9
10	1.0034663	1.1199196	1.1373729	1.1548262	1.1722795	1.1885149	1.2055761	10
11	1.0037572	1.1202105	1.1376638	1.1551171	1.1725704	1.1886163	1.2056680	11
12	1.0040481	1.1205014	1.1379547	1.1554080	1.1728613	1.1887177	1.2057599	12
13	1.0043390	1.1207923	1.1382456	1.1556989	1.1731522	1.1888191	1.2058518	13
14	1.0046299	1.1210832	1.1385365	1.1559898	1.1734431	1.1889205	1.2059437	14
15	1.0049208	1.1213741	1.1388274	1.1562807	1.1737340	1.1890219	1.2060356	15
16	1.0052116	1.1216650	1.1391183	1.1565716	1.1740249	1.1891233	1.2061275	16
17	1.0055025	1.1219559	1.1394092	1.1568625	1.1743158	1.1892247	1.2062194	17
18	1.0057934	1.1222468	1.1397001	1.1571534	1.1746067	1.1893261	1.2063113	18
19	1.0060843	1.1225377	1.1400000	1.1574443	1.1748976	1.1894275	1.2064032	19
20	1.0063752	1.1228286	1.1402909	1.1577352	1.1751885	1.1895289	1.2064951	20
21	1.0066661	1.1231195	1.1405818	1.1580261	1.1754794	1.1896303	1.2065870	21
22	1.0069570	1.1234104	1.1408727	1.1583170	1.1757703	1.1897317	1.2066789	22
23	1.0072479	1.1237013	1.1411636	1.1586079	1.1760612	1.1898331	1.2067708	23
24	1.0075388	1.1239922	1.1414545	1.1588988	1.1763521	1.1899345	1.2068627	24
25	1.0078297	1.1242831	1.1417454	1.1591897	1.1766430	1.1900359	1.2069546	25
26	1.0081206	1.1245740	1.1420363	1.1594806	1.1769339	1.1901373	1.2070465	26
27	1.0084115	1.1248649	1.1423272	1.1597715	1.1772248	1.1902387	1.2071384	27
28	1.0087024	1.1251558	1.1426181	1.1600624	1.1775157	1.1903401	1.2072303	28
29	1.0089933	1.1254467	1.1429090	1.1603533	1.1778066	1.1904415	1.2073222	29
30	1.0092842	1.1257376	1.1432000	1.1606442	1.1780975	1.1905429	1.2074141	30
31	1.0095751	1.1260285	1.1434909	1.1609351	1.1783884	1.1906443	1.2075060	31
32	1.0098660	1.1263194	1.1437818	1.1612260	1.1786793	1.1907457	1.2075979	32
33	1.0101569	1.1266103	1.1440727	1.1615169	1.1789702	1.1908471	1.2076898	33
34	1.0104478	1.1269012	1.1443636	1.1618078	1.1792611	1.1909485	1.2077817	34
35	1.0107387	1.1271921	1.1446545	1.1620987	1.1795520	1.1910499	1.2078736	35
36	1.0110296	1.1274830	1.1449454	1.1623896	1.1798429	1.1911513	1.2079655	36
37	1.0113205	1.1277739	1.1452363	1.1626805	1.1801338	1.1912527	1.2080574	37
38	1.0116114	1.1280648	1.1455272	1.1629714	1.1804247	1.1913541	1.2081493	38
39	1.0119023	1.1283557	1.1458181	1.1632623	1.1807156	1.1914555	1.2082412	39
40	1.0121932	1.1286466	1.1461090	1.1635532	1.1810065	1.1915569	1.2083331	40
41	1.0124841	1.1289375	1.1464000	1.1638441	1.1812974	1.1916583	1.2084250	41
42	1.0127750	1.1292284	1.1466909	1.1641350	1.1815883	1.1917597	1.2085169	42
43	1.0130659	1.1295193	1.1469818	1.1644259	1.1818792	1.1918611	1.2086088	43
44	1.0133568	1.1298102	1.1472727	1.1647168	1.1821701	1.1919625	1.2087007	44
45	1.0136477	1.1301011	1.1475636	1.1650077	1.1824610	1.1920639	1.2087926	45
46	1.0139386	1.1303920	1.1478545	1.1652986	1.1827519	1.1921653	1.2088845	46
47	1.0142295	1.1306829	1.1481454	1.1655895	1.1830428	1.1922667	1.2089764	47
48	1.0145204	1.1309738	1.1484363	1.1658804	1.1833337	1.1923681	1.2090683	48
49	1.0148113	1.1312647	1.1487272	1.1661713	1.1836246	1.1924695	1.2091602	49
50	1.0151022	1.1315556	1.1490181	1.1664622	1.1839155	1.1925709	1.2092521	50
51	1.0153931	1.1318465	1.1493090	1.1667531	1.1842064	1.1926723	1.2093440	51
52	1.0156840	1.1321374	1.1496000	1.1670440	1.1844973	1.1927737	1.2094359	52
53	1.0159749	1.1324283	1.1498909	1.1673349	1.1847882	1.1928751	1.2095278	53
54	1.0162658	1.1327192	1.1501818	1.1676258	1.1850791	1.1929765	1.2096197	54
55	1.0165567	1.1330101	1.1504727	1.1679167	1.1853700	1.1930779	1.2097116	55
56	1.0168476	1.1333010	1.1507636	1.1682076	1.1856609	1.1931793	1.2098035	56
57	1.0171385	1.1335919	1.1510545	1.1684985	1.1859518	1.1932807	1.2098954	57
58	1.0174294	1.1338828	1.1513454	1.1687894	1.1862427	1.1933821	1.2099873	58
59	1.0177203	1.1341737	1.1516363	1.1690803	1.1865336	1.1934835	1.2100792	59
60	1.0180112	1.1344646	1.1519272	1.1693712	1.1868245	1.1935849	1.2101711	60

OR, LENGTH OF ARCS TO RADIUS = 1.

	70°	71°	72°	73°	74°	75°	76°	
0	1.2217805	1.2291538	1.2365271	1.2439004	1.2512737	1.2586470	1.2660203	0
1	1.2290214	1.2363947	1.2437680	1.2511413	1.2585146	1.2658879	1.2732612	1
2	1.2362622	1.2436355	1.2510088	1.2583821	1.2657554	1.2731287	1.2805020	2
3	1.2435031	1.2508764	1.2582497	1.2656230	1.2729963	1.2803696	1.2877429	3
4	1.2507439	1.2581172	1.2654905	1.2728638	1.2802371	1.2876104	1.2949837	4
5	1.2579848	1.2653581	1.2727314	1.2801047	1.2874780	1.2948513	1.3022246	5
6	1.2652256	1.2725989	1.2799722	1.2873455	1.2947188	1.3020921	1.3094654	6
7	1.2724665	1.2798398	1.2872131	1.2945864	1.3019597	1.3093330	1.3167063	7
8	1.2797073	1.2870806	1.2944539	1.3018272	1.3092005	1.3165738	1.3239471	8
9	1.2869482	1.2943215	1.3016948	1.3090681	1.3164414	1.3238147	1.3311880	9
10	1.2941890	1.3015623	1.3089356	1.3163089	1.3236822	1.3310555	1.3384288	10
11	1.3014300	1.3088033	1.3161766	1.3235499	1.3309232	1.3382965	1.3456698	11
12	1.3086708	1.3160441	1.3234174	1.3307907	1.3381640	1.3455373	1.3529106	12
13	1.3159117	1.3232850	1.3306583	1.3380316	1.3454049	1.3527782	1.3601515	13
14	1.3231525	1.3305258	1.3378991	1.3452724	1.3526457	1.3599190	1.3672923	14
15	1.3303934	1.3377667	1.3451400	1.3525133	1.3598866	1.3672599	1.3746332	15
16	1.3376342	1.3450075	1.3523808	1.3597541	1.3671274	1.3745007	1.3818740	16
17	1.3448750	1.3522483	1.3596216	1.3669949	1.3743682	1.3817415	1.3891148	17
18	1.3521158	1.3594891	1.3668624	1.3742357	1.3816090	1.3889823	1.3963556	18
19	1.3593566	1.3667299	1.3741032	1.3814707	1.3888440	1.3962173	1.4035906	19
20	1.3665974	1.3739707	1.3813440	1.3887173	1.3960906	1.4034639	1.4108372	20
21	1.3738382	1.3812115	1.3885848	1.3959581	1.4033314	1.4107047	1.4180780	21
22	1.3810790	1.3884523	1.3958256	1.4031989	1.4105722	1.4179455	1.4253188	22
23	1.3883198	1.3956931	1.4030664	1.4104397	1.4178130	1.4251863	1.4325596	23
24	1.3955606	1.4029339	1.4103072	1.4176805	1.4250538	1.4324271	1.4397904	24
25	1.4028014	1.4101747	1.4175480	1.4249213	1.4322871	1.4396504	1.4470137	25
26	1.4100422	1.4174155	1.4247888	1.4321521	1.4395154	1.4468787	1.4542420	26
27	1.4172830	1.4246563	1.4320296	1.4393929	1.4467562	1.4541195	1.4614828	27
28	1.4245238	1.4318971	1.4392634	1.4466267	1.4540000	1.4613623	1.4687256	28
29	1.4317646	1.4391379	1.4465042	1.4538675	1.4612392	1.4686025	1.4759658	29
30	1.4390054	1.4463787	1.4537450	1.4611083	1.4684716	1.4758349	1.4831982	30
31	1.4462462	1.4536195	1.4609858	1.4683491	1.4757124	1.4830757	1.4904390	31
32	1.4534870	1.4608603	1.4682266	1.4755899	1.4829532	1.4903165	1.4976798	32
33	1.4607278	1.4681011	1.4754674	1.4828327	1.4901900	1.4975533	1.5049166	33
34	1.4679686	1.4753419	1.4827082	1.4895715	1.4969348	1.5042981	1.5116614	34
35	1.4752094	1.4825827	1.4899490	1.4968123	1.5041574	1.5115207	1.5188840	35
36	1.4824502	1.4898235	1.4971898	1.5040567	1.5113790	1.5187423	1.5261056	36
37	1.4896910	1.4970643	1.5044306	1.5112783	1.5186405	1.5260038	1.5333671	37
38	1.4969318	1.5043051	1.5116714	1.5185397	1.5263979	1.5337612	1.5411245	38
39	1.5041726	1.5115459	1.5189122	1.5258115	1.5331757	1.5405390	1.5479023	39
40	1.5114134	1.5187867	1.5261530	1.5330523	1.5404665	1.5478298	1.5551931	40
41	1.5186542	1.5260275	1.5333938	1.5402931	1.5476564	1.5550197	1.5623830	41
42	1.5258950	1.5332683	1.5406346	1.5475339	1.5548972	1.5622605	1.5696238	42
43	1.5331358	1.5405091	1.5478754	1.5547747	1.5621380	1.5694913	1.5768546	43
44	1.5403766	1.5477499	1.5551162	1.5620155	1.5693788	1.5767421	1.5841054	44
45	1.5476174	1.5549907	1.5623570	1.5692363	1.5765996	1.5839629	1.5913262	45
46	1.5548582	1.5622315	1.5695978	1.5764771	1.5838404	1.5912037	1.5985670	46
47	1.5620990	1.5694723	1.5768386	1.5837179	1.5910812	1.5984445	1.6058078	47
48	1.5693398	1.5767131	1.5840794	1.5909587	1.5983220	1.6056853	1.6130486	48
49	1.5765806	1.5839539	1.5913202	1.5981995	1.6055628	1.6129261	1.6202894	49
50	1.5838214	1.5911947	1.5985610	1.6054403	1.6128036	1.6201669	1.6275302	50
51	1.5910622	1.5984355	1.6058018	1.6126811	1.6199944	1.6273577	1.6347210	51
52	1.5983030	1.6056763	1.6130426	1.6199219	1.6272852	1.6346485	1.6420118	52
53	1.6055438	1.6129171	1.6202834	1.6271627	1.6345260	1.6418893	1.6492526	53
54	1.6127846	1.6201579	1.6275242	1.6344035	1.6417668	1.6491301	1.6564934	54
55	1.6200254	1.6273987	1.6347650	1.6416443	1.6490076	1.6563709	1.6637342	55
56	1.6272662	1.6346395	1.6420058	1.6488851	1.6562484	1.6636117	1.6709750	56
57	1.6345070	1.6418803	1.6492466	1.6561259	1.6634892	1.6708525	1.6782158	57
58	1.6417478	1.6491211	1.6564874	1.6633667	1.6707300	1.6780933	1.6854566	58
59	1.6489886	1.6563619	1.6637282	1.6706075	1.6779708	1.6853341	1.6926974	59
60	1.6562294	1.6636027	1.6709690	1.6778483	1.6852116	1.6925749	1.6999382	60

CIRCULAR MEASURE OF ANGLES, OR, LENGTH OF ARCS TO RADIUS = 1.

	77°	78°	79°	80°	81°	82°	83°	
6	1.3439035	1.3615568	1.3768101	1.3906234	1.4037187	1.4151700	1.4250223	6
1	1.3441944	1.3615477	1.3791810	1.3945543	1.4100078	1.4214600	1.4313142	1
2	1.3444853	1.3619358	1.3793919	1.3963452	1.4124985	1.4217513	1.4292061	2
3	1.3447762	1.3623295	1.3796023	1.3971361	1.4145894	1.4220427	1.4294969	3
4	1.3450671	1.3627204	1.3799770	1.3974770	1.4149802	1.4223235	1.4297793	4
5	1.3453580	1.3631113	1.3803645	1.3977778	1.4151711	1.4226044	1.4300777	5
6	1.3456489	1.3635021	1.3807554	1.3980787	1.4154620	1.4228853	1.4303686	6
7	1.3459397	1.3638930	1.3811463	1.3983796	1.4157529	1.4231662	1.4306595	7
8	1.3462306	1.3642839	1.3815372	1.3986806	1.4160438	1.4234471	1.4309504	8
9	1.3465215	1.3646748	1.3819281	1.3989814	1.4163347	1.4237280	1.4312413	9
10	1.3468124	1.3650657	1.3823190	1.3992823	1.4166256	1.4240089	1.4315322	10
11	1.3471033	1.3654566	1.3827100	1.3995832	1.4169165	1.4242898	1.4318231	11
12	1.3473942	1.3658475	1.3831009	1.3998841	1.4172074	1.4245707	1.4321140	12
13	1.3476851	1.3662384	1.3834918	1.4001850	1.4174983	1.4248516	1.4324049	13
14	1.3479760	1.3666293	1.3838827	1.4004859	1.4177892	1.4251325	1.4326958	14
15	1.3482669	1.3670202	1.3842736	1.4007868	1.4180801	1.4254134	1.4329867	15
16	1.3485578	1.3674111	1.3846645	1.4010877	1.4183710	1.4256943	1.4332776	16
17	1.3488487	1.3678020	1.3850554	1.4013886	1.4186619	1.4259752	1.4335685	17
18	1.3491396	1.3681929	1.3854463	1.4016895	1.4189528	1.4262561	1.4338594	18
19	1.3494305	1.3685838	1.3858372	1.4019904	1.4192437	1.4265370	1.4341503	19
20	1.3497214	1.3689747	1.3862281	1.4022913	1.4195346	1.4268179	1.4344412	20
21	1.3500123	1.3693656	1.3866190	1.4025922	1.4198255	1.4270988	1.4347321	21
22	1.3503032	1.3697565	1.3870100	1.4028931	1.4201164	1.4273797	1.4350230	22
23	1.3505941	1.3701474	1.3874009	1.4031940	1.4204073	1.4276606	1.4353139	23
24	1.3508850	1.3705383	1.3877918	1.4034949	1.4206982	1.4279415	1.4356048	24
25	1.3511759	1.3709292	1.3881827	1.4037958	1.4209891	1.4282224	1.4358957	25
26	1.3514668	1.3713201	1.3885736	1.4040967	1.4212800	1.4285033	1.4361866	26
27	1.3517577	1.3717110	1.3889645	1.4043976	1.4215709	1.4287842	1.4364775	27
28	1.3520486	1.3721019	1.3893554	1.4046985	1.4218618	1.4290651	1.4367684	28
29	1.3523395	1.3724928	1.3897463	1.4049994	1.4221527	1.4293460	1.4370593	29
30	1.3526304	1.3728837	1.3901372	1.4052903	1.4224436	1.4296269	1.4373502	30
31	1.3529213	1.3732746	1.3905281	1.4055912	1.4227345	1.4299078	1.4376411	31
32	1.3532122	1.3736655	1.3909190	1.4058921	1.4230254	1.4301887	1.4379320	32
33	1.3535031	1.3740564	1.3913100	1.4061930	1.4233163	1.4304696	1.4382229	33
34	1.3537940	1.3744473	1.3917009	1.4064939	1.4236072	1.4307505	1.4385138	34
35	1.3540849	1.3748382	1.3920918	1.4067948	1.4238981	1.4310314	1.4388047	35
36	1.3543758	1.3752291	1.3924827	1.4070957	1.4241890	1.4313123	1.4390956	36
37	1.3546667	1.3756200	1.3928736	1.4073966	1.4244799	1.4315932	1.4393865	37
38	1.3549576	1.3760109	1.3932645	1.4076975	1.4247708	1.4318741	1.4396774	38
39	1.3552485	1.3764018	1.3936554	1.4079984	1.4250617	1.4321550	1.4399683	39
40	1.3555394	1.3767927	1.3940463	1.4082993	1.4253526	1.4324359	1.4402592	40
41	1.3558303	1.3771836	1.3944372	1.4085902	1.4256435	1.4327168	1.4405501	41
42	1.3561212	1.3775745	1.3948281	1.4088911	1.4259344	1.4330077	1.4408410	42
43	1.3564121	1.3779654	1.3952190	1.4091920	1.4262253	1.4332886	1.4411319	43
44	1.3567030	1.3783563	1.3956100	1.4094929	1.4265162	1.4335695	1.4414228	44
45	1.3569939	1.3787472	1.3959909	1.4097938	1.4268071	1.4338504	1.4417137	45
46	1.3572848	1.3791381	1.3963818	1.4100947	1.4270980	1.4341313	1.4420046	46
47	1.3575757	1.3795290	1.3967727	1.4103956	1.4273889	1.4344122	1.4422955	47
48	1.3578666	1.3799200	1.3971636	1.4106965	1.4276798	1.4346931	1.4425864	48
49	1.3581575	1.3803109	1.3975545	1.4109974	1.4279707	1.4349740	1.4428773	49
50	1.3584484	1.3807018	1.3979454	1.4112983	1.4282616	1.4352549	1.4431682	50
51	1.3587393	1.3810927	1.3983363	1.4115992	1.4285525	1.4355358	1.4434591	51
52	1.3590302	1.3814836	1.3987272	1.4118901	1.4288434	1.4358167	1.4437500	52
53	1.3593211	1.3818745	1.3991181	1.4121910	1.4291343	1.4360976	1.4440409	53
54	1.3596120	1.3822654	1.3995090	1.4124919	1.4294252	1.4363785	1.4443318	54
55	1.3599029	1.3826563	1.3999000	1.4127928	1.4297161	1.4366594	1.4446227	55
56	1.3601938	1.3830472	1.4002909	1.4130937	1.4300070	1.4369403	1.4449136	56
57	1.3604847	1.3834381	1.4006818	1.4133946	1.4302979	1.4372212	1.4452045	57
58	1.3607756	1.3838290	1.4010727	1.4136955	1.4305888	1.4375021	1.4454954	58
59	1.3610665	1.3842200	1.4014636	1.4139964	1.4308797	1.4377830	1.4457863	59
60	1.3613574	1.3846109	1.4018545	1.4142973	1.4311706	1.4380639	1.4460772	60

OR, LENGTH OF ARCS TO RADIUS = 1.

	84°	85°	86°	87°	88°	89°	90°		
0	1.4667766	1.4555290	1.5009532	1.5184364	1.5358897	1.5533430	1.5707963	0	.0000000
1	1.4667775	1.4555299	1.5009540	1.5184373	1.5358906	1.5533439	1.5707972	1	.0000008
2	1.4666633	1.4544116	1.5015649	1.5190182	1.5364716	1.5539248	1.5713781	2	.0000007
3	1.4669492	1.4544025	1.5018568	1.5193001	1.5367624	1.5542167	1.5716690	3	.0000145
4	1.4672101	1.4544034	1.5021487	1.5196000	1.5370533	1.5545086	1.5719599	4	.0000194
5	1.4675310	1.4549343	1.5024876	1.5198900	1.5373442	1.5547975	1.5722508	5	.0000242
6	1.4678219	1.4552762	1.5027235	1.5201819	1.5376351	1.5550884	1.5725417	6	.0000291
7	1.4681123	1.4555601	1.5030194	1.5204727	1.5379260	1.5553793	1.5728325	7	.0000339
8	1.4684037	1.4558570	1.5033103	1.5207636	1.5382169	1.5556701	1.5731234	8	.0000388
9	1.4686946	1.4561479	1.5036012	1.5210544	1.5385077	1.5559610	1.5734143	9	.0000436
10	1.4689855	1.4564387	1.5038920	1.5213453	1.5387986	1.5562519	1.5737052	10	.0000485
11	1.4692763	1.4567296	1.5041829	1.5216362	1.5390895	1.5565423	1.5739961	11	.0000533
12	1.4695672	1.4570205	1.5044738	1.5219271	1.5393804	1.5568337	1.5742870	12	.0000582
13	1.4698581	1.4573114	1.5047647	1.5222180	1.5396713	1.5571246	1.5745779	13	.0000630
14	1.4701490	1.4576023	1.5050556	1.5225089	1.5399622	1.5574155	1.5748688	14	.0000679
15	1.4704400	1.4578932	1.5053465	1.5227998	1.5402531	1.5577064	1.5751596	15	.0000727
16	1.4707309	1.4581841	1.5056374	1.5230906	1.5405440	1.5579972	1.5754505	16	.0000776
17	1.4710217	1.4584750	1.5059283	1.5233815	1.5408348	1.5582881	1.5757414	17	.0000824
18	1.4713126	1.4587659	1.5062191	1.5236724	1.5411257	1.5585790	1.5760323	18	.0000873
19	1.4716034	1.4590568	1.5065100	1.5239633	1.5414166	1.5588699	1.5763232	19	.0000921
20	1.4718943	1.4593476	1.5068009	1.5242542	1.5417075	1.5591608	1.5766141	20	.0000970
21	1.4721852	1.4596385	1.5070918	1.5245451	1.5419984	1.5594517	1.5769050	21	.0001018
22	1.4724761	1.4599294	1.5073827	1.5248360	1.5422893	1.5597426	1.5771959	22	.0001067
23	1.4727670	1.4602203	1.5076736	1.5251269	1.5425802	1.5600335	1.5774868	23	.0001115
24	1.4730579	1.4605112	1.5079645	1.5254178	1.5428711	1.5603244	1.5777777	24	.0001164
25	1.4733488	1.4608021	1.5082554	1.5257087	1.5431620	1.5606152	1.5780686	25	.0001212
26	1.4736397	1.4610930	1.5085463	1.5259996	1.5434529	1.5609061	1.5783594	26	.0001261
27	1.4739306	1.4613839	1.5088371	1.5262904	1.5437437	1.5611970	1.5786503	27	.0001309
28	1.4742214	1.4616747	1.5091280	1.5265813	1.5440346	1.5614879	1.5789412	28	.0001357
29	1.4745123	1.4619656	1.5094189	1.5268722	1.5443255	1.5617788	1.5792321	29	.0001406
30	1.4748032	1.4622565	1.5097098	1.5271631	1.5446164	1.5620697	1.5795230	30	.0001454
31	1.4750941	1.4625474	1.5100007	1.5274540	1.5449073	1.5623606	1.5798139	31	.0001503
32	1.4753850	1.4628383	1.5102916	1.5277449	1.5451982	1.5626515	1.5801047	32	.0001551
33	1.4756759	1.4631292	1.5105825	1.5280358	1.5454891	1.5629423	1.5803956	33	.0001600
34	1.4759668	1.4634201	1.5108734	1.5283267	1.5457800	1.5632332	1.5806865	34	.0001648
35	1.4762577	1.4637110	1.5111643	1.5286176	1.5460708	1.5635241	1.5809774	35	.0001697
36	1.4765485	1.4640019	1.5114551	1.5289084	1.5463617	1.5638150	1.5812683	36	.0001745
37	1.4768394	1.4642927	1.5117460	1.5291993	1.5466526	1.5641059	1.5815592	37	.0001794
38	1.4771303	1.4645836	1.5120369	1.5294902	1.5469435	1.5643968	1.5818501	38	.0001842
39	1.4774212	1.4648745	1.5123278	1.5297811	1.5472344	1.5646877	1.5821410	39	.0001891
40	1.4777121	1.4651654	1.5126187	1.5300720	1.5475253	1.5649786	1.5824319	40	.0001939
41	1.4780030	1.4654563	1.5129096	1.5303629	1.5478162	1.5652695	1.5827227	41	.0001988
42	1.4782939	1.4657472	1.5132005	1.5306538	1.5481070	1.5655603	1.5830136	42	.0002036
43	1.4785848	1.4660381	1.5134913	1.5309446	1.5483979	1.5658512	1.5833045	43	.0002085
44	1.4788757	1.4663290	1.5137822	1.5312355	1.5486888	1.5661421	1.5835954	44	.0002133
45	1.4791666	1.4666200	1.5140731	1.5315264	1.5489797	1.5664330	1.5838863	45	.0002182
46	1.4794574	1.4669109	1.5143640	1.5318173	1.5492706	1.5667239	1.5841772	46	.0002230
47	1.4797483	1.4672018	1.5146549	1.5321082	1.5495615	1.5670148	1.5844681	47	.0002279
48	1.4800392	1.4674927	1.5149458	1.5323991	1.5498524	1.5673057	1.5847590	48	.0002327
49	1.4803301	1.4677836	1.5152367	1.5326900	1.5501433	1.5675966	1.5850500	49	.0002376
50	1.4806210	1.4680745	1.5155276	1.5329809	1.5504342	1.5678874	1.5853409	50	.0002424
51	1.4809119	1.4683654	1.5158185	1.5332717	1.5507250	1.5681783	1.5856318	51	.0002473
52	1.4812028	1.4686563	1.5161094	1.5335626	1.5510159	1.5684692	1.5859227	52	.0002521
53	1.4814937	1.4689472	1.5164003	1.5338535	1.5513068	1.5687601	1.5862136	53	.0002570
54	1.4817846	1.4692381	1.5166912	1.5341444	1.5515977	1.5690510	1.5865045	54	.0002618
55	1.4820754	1.4695290	1.5169821	1.5344353	1.5518886	1.5693419	1.5867954	55	.0002667
56	1.4823663	1.4698200	1.5172730	1.5347262	1.5521795	1.5696328	1.5870863	56	.0002715
57	1.4826572	1.4701109	1.5175639	1.5350171	1.5524704	1.5699237	1.5873772	57	.0002763
58	1.4829481	1.4704018	1.5178548	1.5353080	1.5527613	1.5702146	1.5876681	58	.0002812
59	1.4832390	1.4706927	1.5181457	1.5355989	1.5530522	1.5705055	1.5879590	59	.0002860
60	1.4835300	1.4709836	1.5184366	1.5358898	1.5533431	1.5707964	1.5882500	60	.0002909

	Sine	Diff.	Covers.	Chord	Co-chord	Ver.	Diff.	Cosine	
0	0000000		1-0000000	0000000	1 41 42188	0000000	0	1-0000000	90
1	0002939	2909	9997061	0002909	1 41 40879	0000000	1	1-0000000	89
2	0005878	2909	9994122	0005818	1 41 39572	0000002	2	9997069	88
3	0008817	2909	9991183	0008727	1 41 38264	0000004	3	9994128	87
4	0011756	2909	9988244	0011636	1 41 36957	0000007	4	9991187	86
5	0014694	2909	9985305	0014544	1 41 35650	0000011	5	9988246	85
6	0017633	2909	9982367	0017453	1 41 34342	0000015	6	9985305	84
7	0020572	2909	9979428	0020362	1 41 33035	0000021	7	9982364	83
8	0023511	2909	9976489	0023271	1 41 31727	0000027	8	9979423	82
9	0026450	2909	9973550	0026180	1 41 30420	0000034	9	9976482	81
10	0029389	2909	9970611	0029089	1 41 29112	0000042	10	9973541	80
11	0032328	2909	9967672	0031998	1 41 27805	0000051	11	9970600	79
12	0035267	2909	9964733	0034907	1 41 26497	0000061	12	9967659	78
13	0038206	2909	9961794	0037816	1 41 25190	0000072	13	9964718	77
14	0041145	2909	9958855	0040724	1 41 23882	0000083	14	9961777	76
15	0044084	2909	9955916	0043633	1 41 22575	0000095	15	9958836	75
16	0047023	2909	9952977	0046542	1 41 21267	0000108	16	9955895	74
17	0049962	2909	9950038	0049451	1 41 20000	0000122	17	9952954	73
18	0052901	2909	9947099	0052360	1 41 18692	0000137	18	9950013	72
19	0055840	2909	9944160	0055269	1 41 17385	0000153	19	9947072	71
20	0058779	2909	9941221	0058178	1 41 16077	0000169	20	9944131	70
21	0061718	2909	9938282	0061087	1 41 14770	0000187	21	9941190	69
22	0064657	2909	9935343	0063996	1 41 13462	0000206	22	9938249	68
23	0067596	2909	9932404	0066905	1 41 12155	0000224	23	9935308	67
24	0070535	2909	9929465	0069814	1 41 10847	0000244	24	9932367	66
25	0073474	2909	9926526	0072723	1 41 09540	0000264	25	9929426	65
26	0076413	2909	9923587	0075632	1 41 08232	0000286	26	9926485	64
27	0079352	2909	9920648	0078541	1 41 06925	0000308	27	9923544	63
28	0082291	2909	9917709	0081450	1 41 05617	0000332	28	9920603	62
29	0085230	2909	9914770	0084359	1 41 04310	0000356	29	9917662	61
30	0088169	2909	9911831	0087268	1 41 03002	0000381	30	9914721	60
31	0091108	2909	9908892	0090177	1 41 01695	0000407	31	9911780	59
32	0094047	2909	9905953	0093086	1 41 00387	0000433	32	9908839	58
33	0096986	2909	9903014	0095995	1 41 00080	0000461	33	9905898	57
34	0099925	2909	9900075	0098904	1 41 00000	0000490	34	9902957	56
35	0102864	2909	9897136	0101813	1 41 00000	0000518	35	9899916	55
36	0105803	2909	9894197	0104722	1 41 00000	0000548	36	9896975	54
37	0108742	2909	9891258	0107631	1 41 00000	0000579	37	9894034	53
38	0111681	2909	9888319	0110540	1 41 00000	0000611	38	9891093	52
39	0114620	2909	9885380	0113449	1 41 00000	0000643	39	9888152	51
40	0117559	2909	9882441	0116358	1 41 00000	0000677	40	9885211	50
41	0120498	2909	9879502	0119267	1 41 00000	0000711	41	9882270	49
42	0123437	2909	9876563	0122176	1 41 00000	0000746	42	9879329	48
43	0126376	2909	9873624	0125085	1 41 00000	0000782	43	9876388	47
44	0129315	2909	9870685	0127994	1 41 00000	0000819	44	9873447	46
45	0132254	2909	9867746	0130903	1 41 00000	0000857	45	9870506	45
46	0135193	2909	9864807	0133812	1 41 00000	0000896	46	9867565	44
47	0138132	2909	9861868	0136721	1 41 00000	0000935	47	9864624	43
48	0141071	2909	9858929	0139630	1 41 00000	0000976	48	9861683	42
49	0144010	2909	9855990	0142539	1 41 00000	0001016	49	9858742	41
50	0146949	2909	9853051	0145448	1 41 00000	0001058	50	9855801	40
51	0149888	2909	9850112	0148357	1 41 00000	0001100	51	9852860	39
52	0152827	2909	9847173	0151266	1 41 00000	0001144	52	9849919	38
53	0155766	2909	9844234	0154175	1 41 00000	0001188	53	9846978	37
54	0158705	2909	9841295	0157084	1 41 00000	0001234	54	9844037	36
55	0161644	2909	9838356	0159993	1 41 00000	0001282	55	9841096	35
56	0164583	2909	9835417	0162902	1 41 00000	0001327	56	9838155	34
57	0167522	2909	9832478	0165811	1 41 00000	0001375	57	9835214	33
58	0170461	2909	9829539	0168720	1 41 00000	0001423	58	9832273	32
59	0173400	2909	9826600	0171629	1 41 00000	0001473	59	9829332	31
60	0176339	2909	9823661	0174538	1 41 00000	0001523	60	9826391	30
	Cosine	Diff.	Ver.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

1 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	0174574	2003	9925476	0174530	1.4015185	0001623	51	9998477	60
1	0177432	2009	9922568	0177439	1.4016111	0001674	52	9998428	59
2	0180341	2003	9919651	0180348	1.4017038	0001730	53	9998374	58
3	0183299	2.00	9916731	0183257	1.4017960	0001779	54	9998321	57
4	0186258	2003	9913842	0186166	1.4007884	0001733	54	9998267	56
5	0189206	2003	9910934	0189075	1.4007803	0001787	56	9998213	55
6	0192174	2009	9908028	0192184	1.4005732	0001843	56	9998167	54
7	0195145	2003	9905117	0195192	1.4003655	0001899	57	9998101	53
8	0198101	2003	9902200	0198100	1.4001578	0001956	58	9998044	52
9	0201059	2003	9899281	0201059	1.3999500	0002014	59	9997986	51
10	0204003	2003	9896362	0204018	1.3997422	0002073	60	9997927	50
11	0206956	2003	9893454	0206957	1.3995344	0002133	60	9997867	49
12	0209914	2003	9890570	0209914	1.3993268	0002193	62	9997807	48
13	0212832	2003	9887683	0212845	1.3991188	0002255	62	9997745	47
14	0215741	2003	9884760	0215754	1.3989110	0002317	63	9997683	46
15	0218640	2003	9881851	0218662	1.3987031	0002380	64	9997620	45
16	0221537	2003	9878943	0221570	1.3984952	0002444	64	9997556	44
17	0224435	2003	9876035	0224479	1.3982872	0002508	66	9997492	43
18	0227332	2003	9873127	0227388	1.3980792	0002574	68	9997426	42
19	0230229	2009	9870219	0230297	1.3978711	0002640	68	9997360	41
20	0233126	2003	9867310	0233166	1.3976630	0002708	68	9997292	40
21	0236023	2003	9864402	0236042	1.3974549	0002776	68	9997224	39
22	0238920	2003	9861494	0238952	1.3972468	0002844	70	9997156	38
23	0241817	2003	9858586	0241841	1.3970387	0002911	71	9997088	37
24	0244714	2003	9855678	0244740	1.3968306	0002985	72	9997016	36
25	0247610	2003	9852770	0247649	1.3966224	0003057	72	9996943	35
26	0250507	2003	9849862	0250568	1.3964142	0003129	73	9996871	34
27	0253404	2003	9846954	0253465	1.3962059	0003202	74	9996798	33
28	0256301	2003	9844046	0256374	1.3959976	0003276	75	9996724	82
29	0259198	2003	9841138	0259283	1.3957893	0003351	76	9996649	31
30	0262095	2003	9838231	0262192	1.3955810	0003427	76	9996573	30
31	0264992	2003	9835323	0264701	1.3953726	0003503	78	9996497	29
32	0267889	2003	9832415	0267810	1.3951642	0003581	78	9996419	28
33	0270786	2003	9829507	0270918	1.3949557	0003659	79	9996341	27
34	0273683	2003	9826599	0273640	1.3947472	0003738	80	9996263	26
35	0276580	2007	9823691	0276533	1.3945387	0003818	81	9996182	25
36	0279477	2003	9820783	0279524	1.3943302	0003899	81	9996101	24
37	0282374	2003	9817875	0282570	1.3941216	0003980	83	9996020	23
38	0285271	2003	9814968	0285560	1.3939130	0004063	83	9995937	22
39	0288168	2007	9812060	0288553	1.3937044	0004146	84	9995854	21
40	0291065	2003	9809153	0291548	1.3934958	0004230	86	9995770	20
41	0293962	2007	9806245	0293977	1.3932871	0004316	85	9995684	19
42	0296859	2003	9803337	0296970	1.3930784	0004401	87	9995599	18
43	0299756	2003	9800430	0299964	1.3928697	0004488	88	9995512	17
44	0302653	2003	9797522	0302957	1.3926610	0004576	88	9995424	16
45	0305550	2007	9794615	0305951	1.3924522	0004664	89	9995336	15
46	0308447	2003	9791707	0308940	1.3922434	0004753	90	9995247	14
47	0311344	2003	9788799	0311933	1.3920346	0004843	91	9995157	13
48	0314241	2007	9785892	0314926	1.3918258	0004934	92	9995066	12
49	0317138	2003	9782985	0317919	1.3916167	0005028	93	9994974	11
50	0320035	2003	9780078	0320912	1.3914078	0005119	93	9994881	10
51	0322932	2007	9777170	0322905	1.3911989	0005212	95	9994788	9
52	0325829	2003	9774263	0325898	1.3909903	0005307	95	9994693	8
53	0328726	2003	9771355	0328890	1.3907816	0005402	96	9994598	7
54	0331623	2007	9768448	0331883	1.3905727	0005493	97	9994502	6
55	0334520	2003	9765541	0334876	1.3903638	0005585	97	9994405	5
56	0337417	2003	9762634	0337869	1.3901549	0005679	99	9994308	4
57	0340314	2007	9759727	0340862	1.3899463	0005771	99	9994209	3
58	0343211	2003	9756820	0343855	1.3897374	0005869	101	9994109	2
59	0346108	2003	9753913	0346848	1.3895285	0005961	101	9994009	1
60	0349005	2007	9751006	0349841	1.3893196	0006052		9993908	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	0348995		9051005	0349048	1.3893168	0006809			
1	035130*	2907	9049008	0351356	1.3891075	0006194	10"	9003008	60
2	0353800	2907	9046591	0353864	1.3888982	0005579	102	9001808	60
3	0356416	2907	9044234	0356477	1.3886889	0004964	104	9000608	58
4	0359023	2907	9041877	0359089	1.3884796	0004349	105	9000000	57
5	0361630	2907	9039470	0361699	1.388270*	0003734	105	9000495	58
6	0364237		9037063	0364298	1.3880608	0003119	106	9000000	55
7	0366844	2907	9034656	0366899	1.3878515	0002504	107	9000324	54
8	0369451	2907	9032249	0369496	1.3876422	0001889	108	9000000	53
9	0372058	2907	9029842	0372093	1.3874329	0001274	109	9000000	52
10	0374665	2906	9027435	0374690	1.3872236	0000659	109	9000000	51
11	0377272		9025028	0377297	1.3870143	0000044	111	9000000	50
12	0379879	2907	9022621	0379894	1.3868050	0000429	111	9000000	49
13	0382486	2907	9020214	0382501	1.3865957	0000814	112	9000000	48
14	0385093	2907	9017807	0385100	1.3863864	0000199	113	9000000	47
15	0387700	2906	9015400	0387707	1.3861771	0000584	114	9000000	46
16	0390307		9012993	0390314	1.3859678	0000969	114	9000000	45
17	0392914	2906	9010586	0392921	1.3857585	0000354	116	9000000	44
18	0395521	2906	9008179	0395528	1.3855492	0000739	116	9000000	43
19	0398128	2906	9005772	0398135	1.3853399	0000124	117	9000000	42
20	0400735	2906	9003365	0400742	1.3851306	0000509	118	9000000	41
21	0403342		9000958	0403349	1.3849213	0000894	119	9000000	40
22	0405949	2907	9000551	0405956	1.3847120	0000279	120	9000000	39
23	0408556	2906	9000144	0408563	1.3845027	0000664	120	9000000	38
24	0411163	2907	9000737	0411170	1.3842934	0000049	122	9000000	37
25	0413770	2906	9000330	0413777	1.3840841	0000434	123	9000000	36
26	0416377		9000923	0416384	1.3838748	0000819	124	9000000	35
27	0418984	2906	9000516	0418991	1.3836655	0000204	125	9000000	34
28	0421591	2906	9000109	0421598	1.3834562	0000589	125	9000000	33
29	0424198	2906	9000702	0424205	1.3832469	0000974	127	9000000	32
30	0426805	2906	9000295	0426812	1.3830376	0000359	127	9000000	31
31	0429412		9000888	0429419	1.3828283	0000744	128	9000000	30
32	0432019	2906	9000481	0432026	1.3826190	0000129	129	9000000	29
33	0434626	2906	9000074	0434633	1.3824097	0000514	129	9000000	28
34	0437233	2906	9000667	0437240	1.3822004	0000899	130	9000000	27
35	0439840	2906	9000260	0439847	1.3819911	0001284	131	9000000	26
36	0442447		9000853	0442454	1.3817818	0001669	131	9000000	25
37	0445054	2906	9000446	0445061	1.3815725	0002054	133	9000000	24
38	0447661	2906	9000039	0447668	1.3813632	0002439	133	9000000	23
39	0450268	2906	9000632	0450275	1.3811539	0002824	134	9000000	22
40	0452875	2906	9000225	0452882	1.3809446	0003209	135	9000000	21
41	0455482		9000818	0455489	1.3807353	0003594	136	9000000	20
42	0458089	2906	9000411	0458096	1.3805260	0003979	136	9000000	19
43	0460696	2906	9000004	0460703	1.3803167	0004364	138	9000000	18
44	0463303	2906	9000597	0463310	1.3801074	0004749	138	9000000	17
45	0465910	2906	9000190	0465917	1.3798981	0005134	139	9000000	16
46	0468517		9000783	0468524	1.3796888	0005519	140	9000000	15
47	0471124	2906	9000376	0471131	1.3794795	0005904	141	9000000	14
48	0473731	2906	9000969	0473738	1.3792702	0006289	142	9000000	13
49	0476338	2906	9000562	0476345	1.3790609	0006674	142	9000000	12
50	0478945	2906	9000155	0478952	1.3788516	0007059	144	9000000	11
51	0481552		9000748	0481559	1.3786423	0007444	144	9000000	10
52	0484159	2906	9000341	0484166	1.3784330	0007829	145	9000000	9
53	0486766	2906	9000934	0486773	1.3782237	0008214	146	9000000	8
54	0489373	2906	9000527	0489380	1.3780144	0008599	146	9000000	7
55	0491980	2906	9000120	0491987	1.3778051	0008984	148	9000000	6
56	0494587		9000713	0494594	1.3775958	0009369	148	9000000	5
57	0497194	2906	9000306	0497201	1.3773865	0009754	150	9000000	4
58	0499801	2906	9000899	0499808	1.3771772	0010139	150	9000000	3
59	0502408	2906	9000492	0502415	1.3769679	0010524	151	9000000	2
60	0505015	2906	9000085	0505022	1.3767586	0010909	152	9000000	1
	0507622		9000678	0507629	1.3765493	0011294		9000000	0
	0510229		9000271	0510236	1.3763400	0011679			
	0512836		9000864	0512843	1.3761307	0012064			
	0515443		9000457	0515450	1.3759214	0012449			
	0518050		9000050	0518057	1.3757121	0012834			
	0520657		9000643	0520664	1.3755028	0013219			
	0523264		9000236	0523271	1.3752935	0013604			
	0525871		9000829	0525878	1.3750842	0013989			
	0528478		9000422	0528485	1.3748749	0014374			
	0531085		9000015	0531092	1.3746656	0014759			
	0533692		9000608	0533699	1.3744563	0015144			
	0536299		9000201	0536306	1.3742470	0015529			
	0538906		9000794	0538913	1.3740377	0015914			
	0541513		9000387	0541520	1.3738284	0016299			
	0544120		9000980	0544127	1.3736191	0016684			
	0546727		9000573	0546734	1.3734098	0017069			
	0549334		9000166	0549341	1.3732005	0017454			
	0551941		9000759	0551948	1.3729912	0017839			
	0554548		9000352	0554555	1.3727819	0018224			
	0557155		9000945	0557162	1.3725726	0018609			
	0559762		9000538	0559769	1.3723633	0018994			
	0562369		9000131	0562376	1.3721540	0019379			
	0564976		9000724	0564983	1.3719447	0019764			
	0567583		9000317	0567590	1.3717354	0020149			
	0570190		9000910	0570197	1.3715261	0020534			
	0572797		9000503	0572804	1.3713168	0020919			
	0575404		9000096	0575411	1.3711075	0021304			
	0578011		9000689	0578018	1.3708982	0021689			
	0580618		9000282	0580625	1.3706889	0022074			
	0583225		9000875	0583232	1.3704796	0022459			
	0585832		9000468	0585839	1.3702703	0022844			
	0588439		9000061	0588446	1.3700610	0023229			
	0591046		9000654	0591053	1.3698517	0023614			
	0593653		9000247	0593660	1.3696424	0023999			
	0596260		9000840	0596267	1.3694331	0024384			
	0598867		9000433	0598874	1.3692238	0024769			
	0601474		9000026	0601481	1.3690145	0025154			
	0604081		9000619	0604088	1.3688052	0025539			
	0606688		9000212	0606695	1.3685959	0025924			
	0609295		9000805	0609302	1.3683866	0026309			
	0611902		9000398	0611909	1.3681773	0026694			
	0614509		9000991	0614516	1.3679680	0027079			
	0617116		9000584	0617123	1.3677587	0027464			
	0619723		9000177	0619730	1.3675494	0027849			
	0622330		9000770	0622337	1.3673401	0028234			
	0624937		9000363	0624944	1.3671308	0028619			
	0627544		9000956	0627551	1.3669215	0029004			
	0630151		9000549	0630158	1.3667122	0029389			
	0632758		9000142	0632765	1.3665029	0029774			
	0635365		9000735	0635372	1.3662936	0030159			
	0637972		9000328	0637979	1.3660843	0030544			
	0640579		9000921	0640586	1.3658750	0030929			
	0643186		9000514	0643193	1.3656657	0031314			
	0645793		9000107	0645800	1.3654564	0031699			
	0648400		9000700	0648407	1.3652471	0032084			
	0651007		9000293	0651014	1.3650378	0032469			
	0653614		9000886	0653621	1.3648285	0032854			
	0656221		9000479	0656228	1.3646192	0033239			
	0658828		9000072	0658835	1.3644099	0033624			
	0661435		9000665	0661442	1.3642006	0034009			
	0664042		9000258	0664049	1.3639913	0034394			
	0666649		9000851	0666656	1.3637820	0034779			
	0669256		9000444	0669263	1.3635727	0035164			
	0671863		9000037	0671870	1.3633634	0035549			
	0674470								

NATURAL SINES, COSINES, CHORDS, &c.

8 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	0522700	2901	0476910	0522353	1-3767092	0013705	162	0986295	60
1	0522624	2905	0476736	0522446	1-3764951	0013857	154	0986143	59
2	0522549	2905	0476561	0522539	1-3762870	0014011	154	0985990	58
3	0522474	2905	0476386	0522632	1-3760790	0014165	155	0985835	57
4	0522399	2904	0476211	0522725	1-3758710	0014320	156	0985680	56
5	0522324	2905	0476036	0522818	1-3756630	0014474	157	0985524	55
6	0522249	2905	0475861	0522911	1-3754548	0014633	158	0985367	54
7	0522174	2905	0475686	0523004	1-3752468	0014791	159	0985209	63
8	0522099	2904	0475511	0523097	1-3750387	0014950	159	0985050	62
9	0522024	2905	0475336	0523190	1-3748307	0015109	160	0984891	61
10	0521949	2905	0475161	0523283	1-3746226	0015268	161	0984731	60
11	0521874	2904	0474986	0523376	1-3744146	0015430	162	0984570	49
12	0521799	2901	0474811	0523469	1-3742065	0015592	163	0984408	48
13	0521724	2905	0474636	0523562	1-3739985	0015755	164	0984245	47
14	0521649	2904	0474461	0523655	1-3737904	0015919	164	0984081	46
15	0521574	2904	0474286	0523748	1-3735824	0016083	165	0983917	45
16	0521499	2904	0474111	0523841	1-3733743	0016247	166	0983751	44
17	0521424	2904	0473936	0523934	1-3731663	0016411	167	0983585	43
18	0521349	2904	0473761	0524027	1-3729582	0016575	168	0983418	42
19	0521274	2901	0473586	0524120	1-3727502	0016740	168	0983250	41
20	0521199	2904	0473411	0524213	1-3725421	0016904	170	0983082	40
21	0521124	2904	0473236	0524306	1-3723341	0017068	170	0982912	39
22	0521049	2904	0473061	0524399	1-3721260	0017233	172	0982742	38
23	0520974	2901	0472886	0524492	1-3719179	0017397	172	0982570	37
24	0520899	2901	0472711	0524585	1-3717099	0017562	173	0982398	36
25	0520824	2903	0472536	0524678	1-3715018	0017726	173	0982225	35
26	0520749	2904	0472361	0524771	1-3712938	0017891	175	0982052	34
27	0520674	2901	0472186	0524864	1-3710857	0018055	176	0981877	33
28	0520599	2903	0472011	0524957	1-3708777	0018220	176	0981701	32
29	0520524	2903	0471836	0525050	1-3706696	0018384	177	0981525	31
30	0520449	2904	0471661	0525143	1-3704616	0018549	178	0981348	30
31	0520374	2903	0471486	0525236	1-3702535	0018713	178	0981170	29
32	0520299	2903	0471311	0525329	1-3699999	0018878	179	0980991	28
33	0520224	2904	0471136	0525422	1-3697918	0019042	180	0980811	27
34	0520149	2903	0470961	0525515	1-3695838	0019207	181	0980631	26
35	0520074	2903	0470786	0525608	1-3693757	0019371	183	0980450	25
36	0520000	2903	0470611	0525701	1-3691677	0019536	183	0980267	24
37	0519924	2903	0470436	0525794	1-3689596	0019700	184	0980084	23
38	0519849	2903	0470261	0525887	1-3687516	0019864	184	0979900	22
39	0519774	2903	0470086	0525980	1-3685435	0020028	186	0979716	21
40	0519699	2903	0469911	0526073	1-3683355	0020192	187	0979530	20
41	0519624	2903	0469736	0526166	1-3681274	0020357	187	0979343	19
42	0519549	2903	0469561	0526259	1-3679194	0020521	188	0979156	18
43	0519474	2903	0469386	0526352	1-3677113	0020686	189	0978968	17
44	0519399	2903	0469211	0526445	1-3675033	0020850	189	0978779	16
45	0519324	2902	0469036	0526538	1-3672952	0021015	190	0978589	15
46	0519249	2902	0468861	0526631	1-3670872	0021179	192	0978399	14
47	0519174	2903	0468686	0526724	1-3668791	0021343	192	0978207	13
48	0519099	2902	0468511	0526817	1-3666711	0021508	194	0978015	12
49	0519024	2902	0468336	0526910	1-3664630	0021672	194	0977821	11
50	0518949	2902	0468161	0527003	1-3662550	0021837	194	0977627	10
51	0518874	2902	0467986	0527096	1-3660469	0021999	196	0977433	9
52	0518799	2902	0467811	0527189	1-3658389	0022164	197	0977237	8
53	0518724	2902	0467636	0527282	1-3656308	0022328	197	0977040	7
54	0518649	2902	0467461	0527375	1-3654228	0022493	198	0976843	6
55	0518574	2902	0467286	0527468	1-3652147	0022657	200	0976645	5
56	0518499	2902	0467111	0527561	1-3650067	0022821	200	0976445	4
57	0518424	2902	0466936	0527654	1-3647986	0022986	200	0976243	3
58	0518349	2902	0466761	0527747	1-3645906	0023150	202	0976045	2
59	0518274	2902	0466586	0527840	1-3643825	0023315	202	0975843	1
60	0518199	2902	0466411	0527933	1-3641745	0023479	202	0975641	0

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	0697 65		850°435	0077990	1°3620068	0021350			
1	0700467	2901	8° 1' 533	0700897	1°3637540	00°4' 43	204	99°5641	60
2	0 0 63	2901	9°296632	0703894	1°3657113	00°4' 67	204	99°5437	59
3	0 06 70	2901	9°373739	0706811	1°3633584	00°4' 372	205	99°5233	58
4	0709171	2901	9°298829	0709618	1°3631458	00° 5178	206	99°5008	57
5	0712073	2901	9°2379 7	071 525	1°36295 7	00° 5385	207	99°4782	56
6	0714974	2902	9°285026	0715432	1°3677193	00°5592	207	99 4615	55
7	0 0 6	2901	9°8 124	0°15 20	1°36 5008	00°5801	209	99 4403	54
8	0° 0 77	2901	9° 9 223	0°21 346	1°36°°238	00° 6010	209	99°4199	53
9	07 16 8	290	9°° 63 7	07°4153	1°363808	00° 6220	210	99°3990	52
10	0°26580	2901	9° 734°°	0727080	1°3618678	00°°6431	211	99°3780	51
11	0729431	2901	9°°°619	0729967	1°3616548	00°°6643	212	99°3569	50
12	0° 1 43	2901	9°°° 618	073 8 4	1°3614418	00°°6855	212	99°3357	49
13	0° 1 43	2901	9°34717	0735 81	1°3612287	00°°7067	214	99°3145	48
14	0736184	2901	9° 61515	0738968	1°3610158	00°°7283	214	99° 2931	47
15	0 41065	2901	9°258915	0741595	1°3608024	00°°7498	215	99° 2717	46
16	0743086	2901	9°250014	0744500	1°3605892	00°°7714	215	99°2502	45
17	0°46857	2900	9°251113	0747409	1°3603759	00°°7931	217	99°°°286	44
18	0749 57	2900	9° 50 13	0750318	1°36016 4	00°°8146	218	99°°°009	43
19	0 638	2901	9°47312	0753223	1°3599494	00°°8367	218	99° 1851	42
20	0°55589	2900	9°44411	0756130	1°3 97362	00°°8587	220	99°1638	41
21	0759439	2901	9°41511	0759038	1°3595928	00°°8807	220	99°1413	40
22	0761990	2900	9°38610	0761942	1°3 93034	00°°9028	221	99° 1193	39
23	0 64 0	2900	9°35710	0764849	1°3591800	00°°9250	221	99° 0972	38
24	0° 6 120	2901	9°32810	0767756	1°3589656	00°°9472	222	99°0750	37
25	0770601	2900	9°29909	0770663	1°3587521	00°°9694	224	99°°° 28	36
26	07°°201	2900	9°°° 000	0773570	1°3585385	00°°9920	224	99°0304	35
27	0° 7 391	2900	9°° 4109	0°°° 64 7	1°358 4 1	00°°10146	226	99°0080	34
28	0774 01	2900	9° 1 499	0° 0 384	1°3580286	00°°10372	226	99°00834	33
29	0° 6 691	2900	9°°19 00	078°°290	1°3 781 0	00°°10609	227	99°°°028	32
30	0°°4591	2900	9° 15400	0785198	1°3 76014	00°°10837	228	99°°°178	31
31	0°°7491	2900	9°°12509	0°°°5103	1°3573878	00°°11065	230	99°°°445	30
32	0 0 0391	2900	9°°°0609	0791010	1°35 1742	00°°11285	230	99°°°115	29
33	0793200	2900	9°°° 306 10	0°°°0016	1°°° 40005	00°°11515	231	99°°°8485	28
34	0°°°190	2900	9°°°33910	0796 22	1°3 6 468	00°°11746	231	99°°° 54	27
35	0799000	2900	9°°°°°10	07997 29	1°3 6 331	00°°11978	233	99°°°8022	26
36	0801989	2900	9°186011	0802908	1°3563104	00°°12211	234	99°°°7780	25
37	0804889	2900	9°157111	0805812	1°35610 6	00°°12446	234	99°°°75 3	24
38	0807788	2900	9°128112	0808648	1°3558918	00°°12679	236	99°°° 371	23
39	0810687	2900	9°109113	0811555	1°35 6779	00°°12915	236	99°°°065	22
40	0813587	2900	9°864113	0814462	1°3546404	00°°13151	236	99°°°840	21
41	0816486	2900	9°835114	0817368	1°3544301	00°°13388	237	99°°°812	20
42	0819385	2900	9°806115	0820274	1°3542202	00°°13626	238	99°°°874	19
43	0822284	2900	9°777116	0823181	1°3540102	00°°13865	239	99°°°6135	18
44	0825183	2900	9°748117	0826088	1°3538002	00°°14105	240	99°°°535	17
45	0828082	2900	9°719118	0828994	1°3535902	00°°14345	241	99°°°455	16
46	0830981	2900	9°690119	0831900	1°3533802	00°°14586	242	99°°°414	15
47	0833880	2900	9°661120	0834807	1°3531702	00°°14828	243	99°°°371	14
48	0836779	2900	9°632121	0837714	1°3529602	00°°15071	244	99°°°329	13
49	0839678	2900	9°603122	0840620	1°3527502	00°°15315	245	99°°°286	12
50	0842576	2900	9°574123	0843526	1°3525402	00°°15560	245	99°°°244	11
51	0845474	2900	9°545124	0846432	1°3523302	00°°15808	247	99°°°198	10
52	0848373	2900	9°516125	0849338	1°3521202	00°°16058	247	99°°°153	9
53	0851271	2900	9°487126	0852244	1°3519102	00°°16309	248	99°°°108	8
54	0854169	2900	9°458127	0855150	1°3517002	00°°16561	248	99°°° 61	7
55	0857067	2900	9°429128	0858056	1°3514902	00°°16814	249	99°°°453	6
56	0859966	2900	9°400129	0860962	1°3512802	00°°17068	250	99°°°408	5
57	0862864	2900	9°371130	0863868	1°3510702	00°°17323	250	99°°°364	4
58	0865762	2900	9°342131	0866774	1°3508602	00°°17578	251	99°°°320	3
59	0868660	2900	9°313132	0869680	1°3506502	00°°17834	252	99°°°276	2
60	0871558	2900	9°284133	0872586	1°3504402	00°°18090	253	99°°°232	1
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

5 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	0871557	2203	9123413	0372338	1-2511801	0038053	254	9901947	60
1	0874455	2203	9125545	0375231	1-2502630	0038307	255	9901693	59
2	0877353	2203	9127347	0378200	1-2507514	0038562	255	9901438	58
3	0880251	2203	9119749	0381106	1-2509369	0038817	257	9901183	57
4	0883148	2203	9116552	0384012	1-2504224	0039074	257	9900928	56
5	0886046	2203	9113354	0386918	1-2501078	0039331	258	9900673	55
6	0888943	2203	9110157	0389824	1-2497932	0039589	259	9900411	54
7	0891840	2203	9106960	0392730	1-2494786	0039848	260	9900152	53
8	0894738	2203	9103762	0395636	1-2491640	0040108	261	9900002	52
9	0897635	2203	9100565	0398542	1-2488494	0040369	261	9900002	51
10	0900532	2203	9097368	0401448	1-2485348	0040630	263	9900002	50
11	0903429	2203	9094171	0404354	1-2482202	0040893	263	9900002	49
12	0906326	2203	9090974	0407260	1-2479056	0041156	264	9900002	48
13	0909223	2203	9087777	0410166	1-2475910	0041420	265	9900002	47
14	0912120	2203	9084580	0413072	1-2472764	0041685	266	9900002	46
15	0915017	2203	9081383	0415978	1-2469618	0041951	266	9900002	45
16	0917914	2203	9078186	0418884	1-2466472	0042217	268	9900002	44
17	0920811	2203	9074989	0421790	1-2463326	0042485	268	9900002	43
18	0923708	2203	9071792	0424696	1-2460180	0042753	269	9900002	42
19	0926605	2203	9068595	0427602	1-2457034	0043022	270	9900002	41
20	0929502	2203	9065398	0430508	1-2453888	0043292	271	9900002	40
21	0932399	2203	9062201	0433414	1-2450742	0043563	272	9900002	39
22	0935296	2203	9059004	0436320	1-2447596	0043835	272	9900002	38
23	0938193	2203	9055807	0439226	1-2444450	0044107	273	9900002	37
24	0941090	2203	9052610	0442132	1-2441304	0044380	275	9900002	36
25	0943987	2203	9049413	0445038	1-2438158	0044655	275	9900002	35
26	0946884	2203	9046216	0447944	1-2435012	0044930	275	9900002	34
27	0949781	2203	9043019	0450850	1-2431866	0045205	277	9900002	33
28	0952678	2203	9039822	0453756	1-2428720	0045482	278	9900002	32
29	0955575	2203	9036625	0456662	1-2425574	0045760	278	9900002	31
30	0958472	2203	9033428	0459568	1-2422428	0046038	279	9900002	30
31	0961369	2203	9030231	0462474	1-2419282	0046317	280	9900002	29
32	0964266	2203	9027034	0465380	1-2416136	0046597	281	9900002	28
33	0967163	2203	9023837	0468286	1-2412990	0046878	282	9900002	27
34	0970060	2203	9020640	0471192	1-2409844	0047160	283	9900002	26
35	0972957	2203	9017443	0474098	1-2406698	0047443	283	9900002	25
36	0975854	2203	9014246	0477004	1-2403552	0047726	284	9900002	24
37	0978751	2203	9011049	0479910	1-2400406	0048010	285	9900002	23
38	0981648	2203	9007852	0482816	1-2397260	0048295	286	9900002	22
39	0984545	2203	9004655	0485722	1-2394114	0048581	287	9900002	21
40	0987442	2203	9001458	0488628	1-2390968	0048866	288	9900002	20
41	0990339	2203	8998261	0491534	1-2387822	0049156	288	9900002	19
42	0993236	2203	8995064	0494440	1-2384676	0049444	290	9900002	18
43	0996133	2203	8991867	0497346	1-2381530	0049733	290	9900002	17
44	0999030	2203	8988670	0500252	1-2378384	0050023	291	9900002	16
45	1001927	2203	8985473	0503158	1-2375238	0050315	292	9900002	15
46	1004824	2203	8982276	0506064	1-2372092	0050607	292	9900002	14
47	1007721	2203	8979079	0508970	1-2368946	0050899	294	9900002	13
48	1010618	2203	8975882	0511876	1-2365800	0051193	294	9900002	12
49	1013515	2203	8972685	0514782	1-2362654	0051487	296	9900002	11
50	1016412	2203	8969488	0517688	1-2359508	0051783	296	9900002	10
51	1019309	2203	8966291	0520594	1-2356362	0052079	296	9900002	9
52	1022206	2203	8963094	0523500	1-2353216	0052375	298	9900002	8
53	1025103	2203	8959897	0526406	1-2350070	0052673	299	9900002	7
54	1028000	2203	8956700	0529312	1-2346924	0052972	299	9900002	6
55	1030897	2203	8953503	0532218	1-2343778	0053271	301	9900002	5
56	1033794	2203	8950306	0535124	1-2340632	0053572	301	9900002	4
57	1036691	2203	8947109	0538030	1-2337486	0053873	302	9900002	3
58	1039588	2203	8943912	0540936	1-2334340	0054175	302	9900002	2
59	1042485	2203	8940715	0543842	1-2331194	0054477	304	9900002	1
60	1045382	2203	8937518	0546748	1-2328048	0054781		9900002	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

6 Deg.

	Sine	Dif.	Covers	Chord	Co-chord	Vers.	Dif.	Cosine	
0	1045285	2803	8954715	1046720	1338701*	0054791	305	8945719	60
1	1045318	2802	8954682	1046754	1338694	0054806	306	8945682	59
2	1045350	2803	8954649	1046788	1338688	0054821	306	8945649	58
3	1045383	2803	8954617	1046823	1338682	0054837	307	8945617	57
4	1045416	2804	8954584	1046858	1338676	0054854	308	8945584	56
5	1045449	2803	8954552	1046893	1338670	0054871	309	8945552	55
6	1045482	2802	8954520	1046928	1338664	0054887	309	8945520	54
7	1045515	2802	8954487	1046963	1338658	0054903	310	8945487	53
8	1045548	2803	8954455	1046998	1338652	0054920	312	8945455	52
9	1045581	2802	8954423	1047033	1338646	0054936	312	8945423	51
10	1045614	2802	8954391	1047068	1338640	0054953	313	8945391	50
11	1045647	2802	8954359	1047103	1338634	0054969	313	8945359	49
12	1045680	2801	8954327	1047138	1338628	0054986	315	8945327	48
13	1045713	2802	8954295	1047173	1338622	0055002	315	8945295	47
14	1045746	2802	8954263	1047208	1338616	0055019	317	8945263	46
15	1045779	2801	8954231	1047243	1338610	0055035	317	8945231	45
16	1045812	2802	8954199	1047278	1338604	0055052	318	8945199	44
17	1045845	2802	8954167	1047313	1338598	0055068	318	8945167	43
18	1045878	2801	8954135	1047348	1338592	0055085	320	8945135	42
19	1045911	2802	8954103	1047383	1338586	0055101	321	8945103	41
20	1045944	2801	8954071	1047418	1338580	0055118	321	8945071	40
21	1045977	2801	8954039	1047453	1338574	0055134	322	8945039	39
22	1046010	2801	8954007	1047488	1338568	0055151	323	8945007	38
23	1046043	2800	8953975	1047523	1338562	0055167	324	8944975	37
24	1046076	2801	8953943	1047558	1338556	0055184	324	8944943	36
25	1046109	2801	8953911	1047593	1338550	0055200	325	8944911	35
26	1046142	2800	8953879	1047628	1338544	0055217	326	8944879	34
27	1046175	2800	8953847	1047663	1338538	0055233	328	8944847	33
28	1046208	2800	8953815	1047698	1338532	0055250	328	8944815	32
29	1046241	2800	8953783	1047733	1338526	0055266	329	8944783	31
30	1046274	2800	8953751	1047768	1338520	0055283	330	8944751	30
31	1046307	2800	8953719	1047803	1338514	0055299	331	8944719	29
32	1046340	2800	8953687	1047838	1338508	0055316	331	8944687	28
33	1046373	2800	8953655	1047873	1338502	0055332	332	8944655	27
34	1046406	2800	8953623	1047908	1338496	0055349	333	8944623	26
35	1046439	2800	8953591	1047943	1338490	0055365	334	8944591	25
36	1046472	2800	8953559	1047978	1338484	0055382	335	8944559	24
37	1046505	2800	8953527	1048013	1338478	0055398	336	8944527	23
38	1046538	2800	8953495	1048048	1338472	0055415	337	8944495	22
39	1046571	2800	8953463	1048083	1338466	0055431	337	8944463	21
40	1046604	2800	8953431	1048118	1338460	0055448	339	8944431	20
41	1046637	2800	8953399	1048153	1338454	0055464	339	8944399	19
42	1046670	2800	8953367	1048188	1338448	0055481	340	8944367	18
43	1046703	2800	8953335	1048223	1338442	0055497	341	8944335	17
44	1046736	2800	8953303	1048258	1338436	0055514	341	8944303	16
45	1046769	2800	8953271	1048293	1338430	0055530	343	8944271	15
46	1046802	2800	8953239	1048328	1338424	0055547	343	8944239	14
47	1046835	2800	8953207	1048363	1338418	0055563	344	8944207	13
48	1046868	2800	8953175	1048398	1338412	0055580	345	8944175	12
49	1046901	2800	8953143	1048433	1338406	0055596	345	8944143	11
50	1046934	2800	8953111	1048468	1338400	0055613	347	8944111	10
51	1046967	2800	8953079	1048503	1338394	0055629	347	8944079	9
52	1047000	2800	8953047	1048538	1338388	0055646	349	8944047	8
53	1047033	2800	8953015	1048573	1338382	0055662	349	8944015	7
54	1047066	2800	8952983	1048608	1338376	0055679	351	8943983	6
55	1047099	2800	8952951	1048643	1338370	0055695	351	8943951	5
56	1047132	2800	8952919	1048678	1338364	0055712	352	8943919	4
57	1047165	2800	8952887	1048713	1338358	0055728	352	8943887	3
58	1047198	2800	8952855	1048748	1338352	0055745	353	8943855	2
59	1047231	2800	8952823	1048783	1338346	0055761	354	8943823	1
60	1047264	2800	8952791	1048818	1338340	0055778	354	8943791	0
	Cosine	Dif.	Vers.	Co-chord	Chord	Covers	Dif.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

7 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	1215003	2388	8781307	1220970	1-3252400	0074538	355	0925462	60
1	1215191	2387	8778410	1223574	1-3252922	0074893	356	0925107	59
2	1215383	2387	8775532	1226778	1-3253444	0075249	357	0924751	58
3	1215575	2387	8772645	1229631	1-3253964	0075606	357	0924394	57
4	1215761	2386	8769769	1232534	1-3254484	0075963	358	0924037	56
5	1215953	2387	8766892	1235458	1-3255004	0076321	360	0923679	55
6	1216145	2386	8764035	1238332	1-3255524	0076681	360	0923319	54
7	1216337	2387	8761190	1241295	1-3256044	0077041	360	0922959	53
8	1216529	2386	8758312	1244193	1-3256564	0077401	362	0922599	52
9	1216721	2386	8755436	1247101	1-3257082	0077763	363	0922237	51
10	1216913	2386	8752544	1250004	1-3257600	0078126	363	0921874	50
11	1217105	2386	8749654	1252907	1-3258119	0078489	364	0921511	49
12	1217297	2386	8746763	1255810	1-3258638	0078853	365	0921147	48
13	1217489	2385	8743872	1258713	1-3259157	0079218	366	0920782	47
14	1217681	2385	8740980	1261616	1-3259677	0079584	367	0920416	46
15	1217873	2385	8738080	1264519	1-3260196	0079951	367	0920050	45
16	1218065	2385	8735185	1267422	1-3260715	0080318	368	0919682	44
17	1218257	2385	8732290	1270325	1-3261234	0080686	370	0919314	43
18	1218449	2385	8729394	1273228	1-3261754	0081053	370	0918944	42
19	1218641	2385	8726498	1276131	1-3262273	0081420	372	0918574	41
20	1218833	2386	8723594	1279034	1-3262792	0081786	370	0918204	40
21	1219025	2386	8720693	1281937	1-3263311	0082153	373	0917832	39
22	1219217	2385	8717794	1284840	1-3263830	0082521	373	0917460	38
23	1219409	2385	8714892	1287743	1-3264349	0082889	374	0917088	37
24	1219601	2385	8711994	1290646	1-3264868	0083258	375	0916716	36
25	1219793	2384	8709159	1293549	1-3265387	0083626	376	0916343	35
26	1219985	2384	8706276	1296452	1-3265906	0083993	377	0915969	34
27	1220177	2385	8703391	1299355	1-3266425	0084361	378	0915594	33
28	1220369	2384	8700506	1302258	1-3266944	0084729	378	0915219	32
29	1220561	2384	8697622	1305160	1-3267463	0085097	379	0914843	31
30	1220753	2384	8694738	1308062	1-3267982	0085465	380	0914468	30
31	1220945	2384	8691854	1310965	1-3268501	0085833	381	0914092	29
32	1221137	2384	8688970	1313868	1-3269020	0086201	382	0913716	28
33	1221329	2384	8686087	1316770	1-3269539	0086569	383	0913340	27
34	1221521	2384	8683203	1319672	1-3270058	0086937	383	0912964	26
35	1221713	2383	8680319	1322575	1-3270577	0087305	385	0912588	25
36	1221905	2383	8677436	1325478	1-3271096	0087673	385	0912212	24
37	1222097	2383	8674553	1328380	1-3271615	0088041	386	0911836	23
38	1222289	2383	8671670	1331282	1-3272134	0088409	387	0911460	22
39	1222481	2383	8668787	1334185	1-3272653	0088777	387	0911084	21
40	1222673	2383	8665904	1337088	1-3273172	0089145	389	0910708	20
41	1222865	2383	8663021	1339990	1-3273691	0089513	390	0910332	19
42	1223057	2383	8660138	1342892	1-3274210	0089881	390	0909956	18
43	1223249	2383	8657255	1345795	1-3274729	0090249	391	0909580	17
44	1223441	2383	8654372	1348698	1-3275248	0090617	392	0909204	16
45	1223633	2383	8651489	1351600	1-3275767	0090985	393	0908828	15
46	1223825	2383	8648606	1354502	1-3276286	0091353	393	0908452	14
47	1224017	2383	8645723	1357404	1-3276805	0091721	395	0908076	13
48	1224209	2383	8642840	1360306	1-3277324	0092089	395	0907700	12
49	1224401	2383	8639957	1363208	1-3277843	0092457	396	0907324	11
50	1224593	2383	8637074	1366110	1-3278362	0092825	397	0906948	10
51	1224785	2383	8634191	1369012	1-3278881	0093193	397	0906572	9
52	1224977	2383	8631308	1371914	1-3279400	0093561	399	0906196	8
53	1225169	2383	8628425	1374816	1-3279919	0093929	399	0905820	7
54	1225361	2383	8625542	1377718	1-3280438	0094297	401	0905444	6
55	1225553	2383	8622659	1380620	1-3280957	0094665	401	0905068	5
56	1225745	2383	8619776	1383522	1-3281476	0095033	402	0904692	4
57	1225937	2383	8616893	1386424	1-3281995	0095401	402	0904316	3
58	1226129	2383	8614010	1389326	1-3282514	0095769	404	0903940	2
59	1226321	2383	8611127	1392228	1-3283033	0096137	404	0903564	1
60	1226513	2383	8608244	1395130	1-3283552	0096505	404	0903188	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	1391731		8608369	1395139	131°1180	0097319		9900681	60
1	1394612	2881	8605389	1398000	131118855	0097725	406	9900000	59
2	1397472	2880	8602408	1400834	13111610	0098131	406	9900000	58
3	1400312	2880	8599428	1403635	131114593	0098538	407	9900000	57
4	1403152	2880	8596448	1406435	131112996	0098945	407	9900000	56
5	1405992	2880	8593468	1409235	131110000	0099352	409	9900000	55
6	1408832	2880	8590488	1412040	131088004	0099763	409	9900000	54
7	1411672	2880	8587508	1414841	131085506	0100174	411	9900000	53
8	1414512	2880	8584528	1417642	131083008	0100585	411	9900000	52
9	1417352	2880	8581548	1420443	131080510	0100997	412	9900000	51
10	1420192	2879	8578568	1423244	13099214	0101410	413	9900000	50
11	1423032	2879	8575588	1426045	13097015	0101823	413	9900000	49
12	1425872	2879	8572608	1428846	13094816	0102236	413	9900000	48
13	1428712	2879	8569628	1431647	13092617	0102653	413	9900000	47
14	1431552	2879	8566648	1434448	13090418	0103060	416	9900000	46
15	1434392	2879	8563668	1437249	13088219	0103466	417	9900000	45
16	1437232	2879	8560688	1440050	13086020	0103880	416	9900000	44
17	1440072	2878	8557708	1442851	13083821	0104293	410	9900000	43
18	1442912	2878	8554728	1445652	13081622	0104707	410	9900000	42
19	1445752	2878	8551748	1448453	13079423	0105123	410	9900000	41
20	1448592	2878	8548768	1451254	13077224	0105538	412	9900000	40
21	1451432	2878	8545788	1454055	13075025	0105954	412	9900000	39
22	1454272	2878	8542808	1456856	13072826	0106369	412	9900000	38
23	1457112	2877	8539828	1459657	13070627	0106785	414	9900000	37
24	1459952	2877	8536848	1462458	13068428	0107200	415	9900000	36
25	1462792	2877	8533868	1465259	13066229	0107616	415	9900000	35
26	1465632	2877	8530888	1468060	13064030	0108032	417	9900000	34
27	1468472	2877	8527908	1470861	13061831	0108448	417	9900000	33
28	1471312	2877	8524928	1473662	13059632	0108864	419	9900000	32
29	1474152	2877	8521948	1476463	13057433	0109280	419	9900000	31
30	1476992	2877	8518968	1479264	13055234	0109696	421	9900000	30
31	1479832	2877	8515988	1482065	13053035	0110112	421	9900000	29
32	1482672	2876	8513008	1484866	13050836	0110528	423	9900000	28
33	1485512	2876	8510028	1487667	13048637	0110944	423	9900000	27
34	1488352	2876	8507048	1490468	13046438	0111360	424	9900000	26
35	1491192	2876	8504068	1493269	13044239	0111776	424	9900000	25
36	1494032	2877	8501088	1496070	13042040	0112192	424	9900000	24
37	1496872	2876	8498108	1498871	13039841	0112608	426	9900000	23
38	1499712	2876	8495128	1501672	13037642	0113024	426	9900000	22
39	1502552	2876	8492148	1504473	13035443	0113440	427	9900000	21
40	1505392	2876	8489168	1507274	13033244	0113856	429	9900000	20
41	1508232	2875	8486188	1510075	13031045	0114272	429	9900000	19
42	1511072	2875	8483208	1512876	13028846	0114688	429	9900000	18
43	1513912	2875	8480228	1515677	13026647	0115104	431	9900000	17
44	1516752	2875	8477248	1518478	13024448	0115520	431	9900000	16
45	1519592	2875	8474268	1521279	13022249	0115936	432	9900000	15
46	1522432	2875	8471288	1524080	13020050	0116352	433	9900000	14
47	1525272	2874	8468308	1526881	13017851	0116768	444	9900000	13
48	1528112	2874	8465328	1529682	13015652	0117184	444	9900000	12
49	1530952	2874	8462348	1532483	13013453	0117600	446	9900000	11
50	1533792	2874	8459368	1535284	13011254	0118016	447	9900000	10
51	1536632	2874	8456388	1538085	13009055	0118432	446	9900000	9
52	1539472	2874	8453408	1540886	13006856	0118848	449	9900000	8
53	1542312	2874	8450428	1543687	13004657	0119264	449	9900000	7
54	1545152	2874	8447448	1546488	13002458	0119680	451	9900000	6
55	1547992	2873	8444468	1549289	13000259	0120096	451	9900000	5
56	1550832	2874	8441488	1552090	12998060	0120512	452	9900000	4
57	1553672	2873	8438508	1554891	12995861	0120928	452	9900000	3
58	1556512	2873	8435528	1557692	12993662	0121344	454	9900000	2
59	1559352	2873	8432548	1560493	12991463	0121760	455	9900000	1
60	1562192	2873	8429568	1563294	12989264	0122176	455	9900000	0
					12987065	0122592			
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

9 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	1664345	2573	8435635	1559182	1-2938900	0123117	455	9876883	60
1	1667218	2573	8432782	1562032	1-2994748	0123372	456	9876428	59
2	1670091	2572	8429909	1564932	1-2944530	0124023	458	9875972	58
3	1672963	2573	8427032	1567832	1-2994234	0124459	457	9875514	57
4	1675836	2573	8424164	1570782	1-2950112	0124913	459	9875057	56
5	1678708	2572	8421292	1573683	1-2977833	0125302	460	9874593	55
6	1681581	2572	8418419	1576580	1-2975634	0125902	460	9874133	54
7	1684453	2572	8415547	1579480	1-2973470	0126322	462	9873678	53
8	1687325	2572	8412675	1582380	1-2971256	0126784	462	9873216	52
9	1690197	2572	8409803	1585280	1-2979012	0127210	463	9872754	51
10	1693069	2571	8406931	1588180	1-2963223	0127700	464	9872291	50
11	1695940	2572	8404060	1591079	1-2964613	0128173	464	9871827	49
12	1698812	2571	8401188	1593978	1-2962393	0128637	465	9871363	48
13	1701683	2572	8398317	1596878	1-2960183	0129103	466	9870897	47
14	1704555	2572	8395445	1599778	1-2957963	0129560	467	9870431	46
15	1707426	2571	8392574	1602677	1-2955751	0130026	468	9869964	45
16	1710297	2570	8389703	1605570	1-2953534	0130504	469	9869499	44
17	1713167	2570	8386833	1608475	1-2951318	0130973	470	9869027	43
18	1716038	2571	8383962	1611374	1-2949102	0131443	470	9868557	42
19	1718909	2570	8381091	1614274	1-2946885	0131913	472	9868087	41
20	1721779	2571	8378221	1617174	1-2944668	0132385	472	9867615	40
21	1724650	2570	8375350	1620073	1-2942450	0132857	473	9867133	39
22	1727520	2570	8372480	1622972	1-2940232	0133350	474	9866650	38
23	1730390	2570	8369610	1625871	1-2938014	0133801	474	9866166	37
24	1733260	2569	8366740	1628770	1-2935796	0134278	476	9865682	36
25	1736130	2570	8363871	1631669	1-2933577	0134754	476	9865196	35
26	1738999	2569	8361001	1634568	1-2931358	0135220	477	9864709	34
27	1741868	2570	8358132	1637467	1-2929139	0135707	478	9864223	33
28	1744737	2569	8355262	1640366	1-2926920	0136185	478	9863735	32
29	1747606	2569	8352393	1643265	1-2924700	0136664	480	9863246	31
30	1750475	2569	8349524	1646164	1-2922480	0137144	481	9862756	30
31	1753345	2568	8346655	1649063	1-2920259	0137625	481	9862265	29
32	1756214	2568	8343786	1651962	1-2918038	0138106	482	9861774	28
33	1759082	2568	8340918	1654861	1-2915817	0138588	483	9861282	27
34	1761951	2568	8338049	1657760	1-2913596	0139071	484	9860789	26
35	1764820	2568	8335181	1660659	1-2911375	0139555	485	9860295	25
36	1767687	2567	8332313	1663558	1-2909154	0140040	485	9859800	24
37	1770556	2567	8329444	1666457	1-2906932	0140525	487	9859304	23
38	1773423	2568	8326575	1669356	1-2904710	0141012	487	9858808	22
39	1776291	2568	8323706	1672255	1-2902487	0141499	488	9858311	21
40	1779160	2567	8320837	1675154	1-2900264	0141987	489	9857815	20
41	1782030	2568	8317968	1678053	1-2898041	0142470	489	9857318	19
42	1784899	2567	8315099	1680952	1-2895818	0142955	491	9856821	18
43	1787768	2567	8312230	1683851	1-2893594	0143440	491	9856324	17
44	1790637	2567	8309361	1686750	1-2891370	0143927	492	9855827	16
45	1793506	2567	8306492	1689649	1-2889146	0144413	493	9855330	15
46	1796375	2566	8303623	1692548	1-2886922	0144899	494	9854833	14
47	1799244	2566	8300754	1695447	1-2884697	0145386	495	9854336	13
48	1802113	2566	8297885	1698346	1-2882472	0145872	496	9853839	12
49	1804982	2565	8295016	1701245	1-2880247	0146359	496	9853342	11
50	1807851	2565	8292147	1704144	1-2878022	0146845	497	9852845	10
51	1810720	2565	8289278	1707043	1-2875797	0147330	498	9852348	9
52	1813589	2565	8286409	1709942	1-2873572	0147816	499	9851851	8
53	1816458	2565	8283540	1712841	1-2871347	0148302	500	9851354	7
54	1819327	2565	8280671	1715740	1-2869122	0148788	500	9850857	6
55	1822196	2565	8277802	1718639	1-2866897	0149274	502	9850360	5
56	1825065	2565	8274933	1721538	1-2864672	0149760	502	9849863	4
57	1827934	2565	8272064	1724437	1-2862447	0150246	503	9849366	3
58	1830803	2565	8269195	1727336	1-2860222	0150732	504	9848869	2
59	1833672	2565	8266326	1730235	1-2857997	0151218	504	9848372	1
60	1836541	2565	8263457	1733134	1-2855772	0151702		9847875	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

II D^g.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	1929000	2855	8021010	1916916	1-2721564	0183728	556	9816272	60
1	1910945	2850	8029035	1919111	1-2710319	0184284	556	9815716	59
2	1918901	2855	8026192	1922700	1-2717074	0184940	557	9815160	58
3	1926856	2854	8023344	1926291	1-2714829	0185597	558	9814603	57
4	1934810	2855	8020490	1929883	1-2712584	0186255	559	9814045	56
5	1942765	2855	8017635	1933472	1-2710338	0186914	560	9813488	55
6	1950720	2854	8014780	1937063	1-2708092	0187573	561	9812927	54
7	1958674	2854	8011926	1940653	1-2705846	0188234	561	9812366	53
8	1966628	2854	8009072	1944244	1-2703600	0188895	562	9811805	52
9	1974582	2854	8006218	1947835	1-2701353	0189557	563	9811243	51
10	1982536	2854	8003364	1951426	1-2699106	0190220	564	9810682	50
11	1990490	2854	8000510	1955017	1-2696858	0190884	564	9810116	49
12	1998444	2853	8007656	1958608	1-2694610	0191548	565	9809552	48
13	2006397	2853	8004803	1962199	1-2692362	0192214	566	9808986	47
14	2014350	2853	8001950	1965790	1-2690114	0192880	567	9808420	46
15	2022303	2853	8009097	1969381	1-2687865	0193547	568	9807853	45
16	2030256	2853	8016244	1972972	1-2685616	0194215	569	9807285	44
17	2038209	2852	8013391	1976563	1-2683367	0194884	569	9806716	43
18	2046161	2852	8010538	1980154	1-2681118	0195553	570	9806147	42
19	2054114	2852	8007685	1983745	1-2678869	0196224	571	9805578	41
20	2062066	2852	8004832	1987336	1-2676620	0196895	572	9805005	40
21	2070018	2852	8001979	1990927	1-2674372	0197567	573	9804433	39
22	2077970	2852	8009126	1994518	1-2672123	0198238	574	9803860	38
23	2085922	2851	8006273	1998109	1-2669874	0198910	574	9803286	37
24	2093874	2851	8003420	2001700	1-2667625	0199583	575	9802712	36
25	2101826	2851	8000567	2005291	1-2665376	0199254	576	9802138	35
26	2109778	2851	8017714	2008882	1-2663127	0199926	577	9801564	34
27	2117730	2851	8014861	2012473	1-2660878	0200598	577	9800989	33
28	2125682	2851	8012008	2016064	1-2658629	0201270	578	9800415	32
29	2133634	2850	8009155	2019655	1-2656380	0201942	580	9799841	31
30	2141586	2850	8006302	2023246	1-2654131	0202614	580	9799267	30
31	2149538	2850	8003449	2026837	1-2651882	0203286	581	9798692	29
32	2157490	2850	8000596	2030428	1-2649633	0203958	582	9798118	28
33	2165442	2850	8007743	2034019	1-2647384	0204630	583	9797543	27
34	2173394	2850	8004890	2037610	1-2645135	0205302	584	9796969	26
35	2181346	2850	8002037	2041201	1-2642886	0205974	585	9796394	25
36	2189298	2850	8009184	2044792	1-2640637	0206646	585	9795819	24
37	2197250	2850	8006331	2048383	1-2638388	0207318	586	9795245	23
38	2205202	2850	8003478	2051974	1-2636139	0207990	587	9794670	22
39	2213154	2850	8000625	2055565	1-2633890	0208662	588	9794096	21
40	2221106	2850	8007772	2059156	1-2631641	0209334	589	9793521	20
41	2229058	2850	8004919	2062747	1-2629392	0210006	590	9792947	19
42	2237010	2850	8002066	2066338	1-2627143	0210678	590	9792372	18
43	2244962	2850	8009213	2069929	1-2624894	0211350	591	9791798	17
44	2252914	2850	8006360	2073520	1-2622645	0212022	592	9791223	16
45	2260866	2850	8003507	2077111	1-2620396	0212694	593	9790649	15
46	2268818	2850	8000654	2080702	1-2618147	0213366	594	9790074	14
47	2276770	2850	8007801	2084293	1-2615898	0214038	594	9789500	13
48	2284722	2850	8004948	2087884	1-2613649	0214710	595	9788925	12
49	2292674	2850	8002095	2091475	1-2611399	0215382	595	9788351	11
50	2300626	2850	8009242	2095066	1-2609150	0216054	597	9787776	10
51	2308578	2850	8006389	2098657	1-2606901	0216726	597	9787202	9
52	2316530	2850	8003536	2102248	1-2604652	0217398	598	9786627	8
53	2324482	2850	8000683	2105839	1-2602403	0218070	599	9786053	7
54	2332434	2850	8007830	2109430	1-2600154	0218742	600	9785478	6
55	2340386	2850	8004977	2113021	1-2597905	0219414	601	9784904	5
56	2348338	2850	8002124	2116612	1-2595656	0220086	601	9784329	4
57	2356290	2850	8009271	2120203	1-2593407	0220758	602	9783755	3
58	2364242	2850	8006418	2123794	1-2591158	0221430	603	9783180	2
59	2372194	2850	8003565	2127385	1-2588909	0222102	604	9782606	1
60	2380146	2850	8000712	2130976	1-2586660	0222774	604	9782031	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

12 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vert.	Diff.	Cosine	
0	20°0117	2345	7920883	2000570	12568403	0218574	805	97614 6	60
1	20°0138	2345	7919038	2000463	12564147	0219129	806	97614 1	59
2	20°0157	2345	7917193	2000356	12559866	0219685	807	97613 5	58
3	20°0216	2345	7915348	2000249	12555585	0220241	808	97612 9	57
4	20°0235	2345	7913503	2000142	12551304	0220797	809	97612 4	56
5	20°0254	2345	7911658	2000035	12547023	0221353	810	97611 8	55
6	20°0273	2344	7909813	2000028	12542742	0221909	811	97611 3	54
7	20°0292	2344	7907968	2000021	12538461	0222465	812	97610 7	53
8	20°0311	2344	7906123	2000014	12534180	0223021	813	97610 2	52
9	20°0330	2343	7904278	2000007	12529899	0223577	814	97609 6	51
10	20°0349	2344	7902433	2000000	12525618	0224133	815	97609 1	50
11	20°0368	2343	7900588	2000000	12521337	0224689	816	97608 5	49
12	20°0387	2343	7898743	2000000	12517056	0225245	817	97608 0	48
13	20°0406	2343	7896898	2000000	12512775	0225801	818	97607 4	47
14	20°0425	2343	7895053	2000000	12508494	0226357	819	97606 9	46
15	20°0444	2342	7893208	2000000	12504213	0226913	820	97606 3	45
16	20°0463	2343	7891363	2000000	12500000	0227469	821	97605 8	44
17	20°0482	2342	7889518	2000000	12495787	0228025	822	97605 2	43
18	20°0501	2342	7887673	2000000	12491574	0228581	823	97604 7	42
19	20°0520	2342	7885828	2000000	12487361	0229137	824	97604 1	41
20	20°0539	2341	7883983	2000000	12483148	0229693	825	97603 6	40
21	20°0558	2342	7882138	2000000	12478935	0230249	826	97603 0	39
22	20°0577	2341	7880293	2000000	12474722	0230805	827	97602 5	38
23	20°0596	2341	7878448	2000000	12470509	0231361	828	97601 9	37
24	20°0615	2341	7876603	2000000	12466296	0231917	829	97601 4	36
25	20°0634	2340	7874758	2000000	12462083	0232473	830	97600 8	35
26	20°0653	2341	7872913	2000000	12457870	0233029	831	97600 3	34
27	20°0672	2340	7871068	2000000	12453657	0233585	832	97599 7	33
28	20°0691	2340	7869223	2000000	12449444	0234141	833	97599 2	32
29	20°0710	2340	7867378	2000000	12445231	0234697	834	97598 6	31
30	20°0729	2340	7865533	2000000	12441018	0235253	835	97598 1	30
31	20°0748	2339	7863688	2000000	12436805	0235809	836	97597 5	29
32	20°0767	2339	7861843	2000000	12432592	0236365	837	97597 0	28
33	20°0786	2339	7860000	2000000	12428379	0236921	838	97596 4	27
34	20°0805	2338	7858155	2000000	12424166	0237477	839	97595 9	26
35	20°0824	2339	7856310	2000000	12419953	0238033	840	97595 3	25
36	20°0843	2338	7854465	2000000	12415740	0238589	841	97594 8	24
37	20°0862	2338	7852620	2000000	12411527	0239145	842	97594 2	23
38	20°0881	2338	7850775	2000000	12407314	0239701	843	97593 7	22
39	20°0900	2337	7848930	2000000	12403101	0240257	844	97593 1	21
40	20°0919	2338	7847085	2000000	12398888	0240813	845	97592 6	20
41	20°0938	2337	7845240	2000000	12394675	0241369	846	97592 0	19
42	20°0957	2337	7843395	2000000	12390462	0241925	847	97591 5	18
43	20°0976	2337	7841550	2000000	12386249	0242481	848	97590 9	17
44	20°0995	2336	7839705	2000000	12382036	0243037	849	97590 4	16
45	20°1014	2337	7837860	2000000	12377823	0243593	850	97589 8	15
46	20°1033	2336	7836015	2000000	12373610	0244149	851	97589 3	14
47	20°1052	2336	7834170	2000000	12369397	0244705	852	97588 7	13
48	20°1071	2336	7832325	2000000	12365184	0245261	853	97588 2	12
49	20°1090	2335	7830480	2000000	12360971	0245817	854	97587 6	11
50	20°1109	2336	7828635	2000000	12356758	0246373	855	97587 1	10
51	20°1128	2335	7826790	2000000	12352545	0246929	856	97586 5	9
52	20°1147	2335	7824945	2000000	12348332	0247485	857	97586 0	8
53	20°1166	2335	7823100	2000000	12344119	0248041	858	97585 4	7
54	20°1185	2334	7821255	2000000	12339906	0248597	859	97584 9	6
55	20°1204	2335	7819410	2000000	12335693	0249153	860	97584 3	5
56	20°1223	2334	7817565	2000000	12331480	0249709	861	97583 8	4
57	20°1242	2334	7815720	2000000	12327267	0250265	862	97583 2	3
58	20°1261	2334	7813875	2000000	12323054	0250821	863	97582 7	2
59	20°1280	2333	7812030	2000000	12318841	0251377	864	97582 1	1
60	20°1299	2333	7810185	2000000	12314628	0251933	865	97581 6	0
	Cosine	Diff.	Vert.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

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	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	213511	2324	7750489	2254084	1-2450292	0250293	655	9743701	60
1	213545	2324	7747655	2252854	1-2449016	0250254	656	9743048	59
2	213579	2324	7744821	2251624	1-2447740	0250216	656	9742396	58
3	213613	2323	7741987	2250394	1-2446462	0250178	657	9741734	57
4	213646	2323	7739154	2249164	1-2445184	0250140	658	9741077	56
5	213680	2323	7736320	2247934	1-2443905	0250091	659	9740419	55
6	213713	2323	7733487	2246704	1-2442627	0250040	660	9739760	54
7	213746	2323	7730654	2245474	1-2441349	0250000	661	9739100	53
8	213780	2323	7727821	2244244	1-2440072	0250161	661	9738440	52
9	213813	2322	7724988	2243014	1-2438793	0250222	662	9737778	51
10	213846	2322	7722154	2241784	1-2437514	0250284	663	9737116	50
11	213880	2322	7719321	2240554	1-2436235	0250347	664	9736453	49
12	213913	2322	7716488	2239324	1-2434956	0250411	665	9735790	48
13	213946	2321	7713654	2238094	1-2433676	0250476	665	9735127	47
14	213980	2321	7710821	2236864	1-2432396	0250541	666	9734465	46
15	214013	2321	7707988	2235634	1-2431116	0250607	668	9733803	45
16	214046	2321	7705154	2234404	1-2429837	0250675	667	9733140	44
17	214080	2321	7702321	2233174	1-2428557	0250742	669	9732478	43
18	214113	2321	7699488	2231944	1-2427277	0250811	670	9731815	42
19	214146	2321	7696654	2230714	1-2425997	0250881	670	9731153	41
20	214180	2320	7693821	2229484	1-2424717	0250951	672	9730490	40
21	214213	2320	7690988	2228254	1-2423437	0251023	672	9729827	39
22	214246	2320	7688154	2227024	1-2422157	0251095	673	9729165	38
23	214280	2320	7685321	2225794	1-2420877	0251168	673	9728503	37
24	214313	2320	7682488	2224564	1-2419597	0251241	676	9727840	36
25	214346	2320	7679654	2223334	1-2418317	0251311	676	9727178	35
26	214380	2320	7676821	2222104	1-2417037	0251381	677	9726515	34
27	214413	2320	7673988	2220874	1-2415757	0251451	677	9725853	33
28	214446	2320	7671154	2219644	1-2414477	0251521	678	9725190	32
29	214480	2320	7668321	2218414	1-2413197	0251591	679	9724528	31
30	214513	2320	7665488	2217184	1-2411917	0251661	679	9723865	30
31	214546	2320	7662654	2215954	1-2410637	0251731	681	9723203	29
32	214580	2320	7659821	2214724	1-2409357	0251801	681	9722540	28
33	214613	2320	7656988	2213494	1-2408077	0251871	682	9721878	27
34	214646	2320	7654154	2212264	1-2406797	0251941	682	9721215	26
35	214680	2320	7651321	2211034	1-2405517	0252011	684	9720553	25
36	214713	2320	7648488	2209804	1-2404237	0252081	684	9719890	24
37	214746	2320	7645654	2208574	1-2402957	0252151	686	9719228	23
38	214780	2320	7642821	2207344	1-2401677	0252221	686	9718565	22
39	214813	2320	7640000	2206114	1-2400397	0252291	687	9717903	21
40	214846	2320	7637166	2204884	1-2399117	0252361	687	9717240	20
41	214880	2320	7634333	2203654	1-2397837	0252431	689	9716578	19
42	214913	2320	7631500	2202424	1-2396557	0252501	689	9715915	18
43	214946	2320	7628666	2201194	1-2395277	0252571	690	9715253	17
44	214980	2320	7625833	2200000	1-2393997	0252641	691	9714590	16
45	215013	2320	7623000	2198800	1-2392717	0252711	692	9713928	15
46	215046	2320	7620166	2197600	1-2391437	0252781	693	9713265	14
47	215080	2320	7617333	2196400	1-2390157	0252851	693	9712603	13
48	215113	2320	7614500	2195200	1-2388877	0252921	694	9711940	12
49	215146	2320	7611666	2194000	1-2387597	0252991	696	9711278	11
50	215180	2320	7608833	2192800	1-2386317	0253061	696	9710615	10
51	215213	2320	7606000	2191600	1-2385037	0253131	697	9709953	9
52	215246	2320	7603166	2190400	1-2383757	0253201	698	9709290	8
53	215280	2320	7600333	2189200	1-2382477	0253271	698	9708628	7
54	215313	2320	7597500	2188000	1-2381197	0253341	699	9707965	6
55	215346	2320	7594666	2186800	1-2379917	0253411	700	9707303	5
56	215380	2320	7591833	2185600	1-2378637	0253481	701	9706640	4
57	215413	2320	7589000	2184400	1-2377357	0253551	702	9705978	3
58	215446	2320	7586166	2183200	1-2376077	0253621	702	9705315	2
59	215480	2320	7583333	2182000	1-2374797	0253691	704	9704653	1
60	215513	2320	7580500	2180800	1-2373517	0253761	704	9703990	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

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	Sine	Diff	Covers.	Chord	Co-chord	Vers.	Diff	Cosine	
0	2419219	2322	7597781	2437394	1-2313230	0.9870412	704	9707057	80
1	2419241	2322	7577950	2440740	1-2310037	0.9877747	705	9707153	81
2	2419263	2322	7578137	2443162	1-2306844	0.9885082	706	9707249	82
3	2419285	2322	7578324	2445584	1-2303651	0.9892417	707	9707345	83
4	2419307	2322	7578511	2448006	1-2300458	0.9899752	708	9707441	84
5	2419329	2322	7578697	2450428	1-2297265	0.9907087	709	9707537	85
6	2419351	2321	7578884	2452850	1-2294072	0.9914422	710	9707633	86
7	2419373	2321	7579071	2455272	1-2290879	0.9921757	711	9707729	87
8	2419395	2321	7579258	2457694	1-2287686	0.9929092	712	9707825	88
9	2419417	2320	7579445	2460116	1-2284493	0.9936427	713	9707921	89
10	2419439	2320	7579632	2462538	1-2281300	0.9943762	714	9708017	90
11	2419461	2320	7579819	2464960	1-2278107	0.9951097	715	9708113	91
12	2419483	2319	7580006	2467382	1-2274914	0.9958432	716	9708209	92
13	2419505	2319	7580193	2469804	1-2271721	0.9965767	717	9708305	93
14	2419527	2319	7580380	2472226	1-2268528	0.9973102	718	9708401	94
15	2419549	2318	7580567	2474648	1-2265335	0.9980437	719	9708497	95
16	2419571	2318	7580754	2477070	1-2262142	0.9987772	720	9708593	96
17	2419593	2318	7580941	2479492	1-2258949	0.9995107	721	9708689	97
18	2419615	2317	7581128	2481914	1-2255756	0.9992442	722	9708785	98
19	2419637	2317	7581315	2484336	1-2252563	0.9999777	723	9708881	99
20	2419659	2316	7581502	2486758	1-2249370	0.9997112	724	9708977	100
21	2419681	2316	7581689	2489180	1-2246177	0.9994447	725	9709073	
22	2419703	2316	7581876	2491602	1-2242984	0.9991782	726	9709169	
23	2419725	2315	7582063	2494024	1-2239791	0.9989117	727	9709265	
24	2419747	2315	7582250	2496446	1-2236598	0.9986452	728	9709361	
25	2419769	2315	7582437	2498868	1-2233405	0.9983787	729	9709457	
26	2419791	2314	7582624	2501290	1-2230212	0.9981122	730	9709553	
27	2419813	2314	7582811	2503712	1-2227019	0.9978457	731	9709649	
28	2419835	2314	7583000	2506134	1-2223826	0.9975792	732	9709745	
29	2419857	2313	7583187	2508556	1-2220633	0.9973127	733	9709841	
30	2419879	2313	7583374	2510978	1-2217440	0.9970462	734	9709937	
31	2419901	2313	7583561	2513400	1-2214247	0.9967797	735	9710033	
32	2419923	2312	7583748	2515822	1-2211054	0.9965132	736	9710129	
33	2419945	2312	7583935	2518244	1-2207861	0.9962467	737	9710225	
34	2419967	2312	7584122	2520666	1-2204668	0.9959802	738	9710321	
35	2419989	2311	7584309	2523088	1-2201475	0.9957137	739	9710417	
36	2420011	2311	7584496	2525510	1-2198282	0.9954472	740	9710513	
37	2420033	2311	7584683	2527932	1-2195089	0.9951807	741	9710609	
38	2420055	2310	7584870	2530354	1-2191896	0.9949142	742	9710705	
39	2420077	2310	7585057	2532776	1-2188703	0.9946477	743	9710801	
40	2420099	2310	7585244	2535198	1-2185510	0.9943812	744	9710897	
41	2420121	2309	7585431	2537620	1-2182317	0.9941147	745	9710993	
42	2420143	2309	7585618	2540042	1-2179124	0.9938482	746	9711089	
43	2420165	2309	7585805	2542464	1-2175931	0.9935817	747	9711185	
44	2420187	2308	7585992	2544886	1-2172738	0.9933152	748	9711281	
45	2420209	2308	7586179	2547308	1-2169545	0.9930487	749	9711377	
46	2420231	2308	7586366	2549730	1-2166352	0.9927822	750	9711473	
47	2420253	2307	7586553	2552152	1-2163159	0.9925157	751	9711569	
48	2420275	2307	7586740	2554574	1-2159966	0.9922492	752	9711665	
49	2420297	2307	7586927	2557000	1-2156773	0.9919827	753	9711761	
50	2420319	2306	7587114	2559422	1-2153580	0.9917162	754	9711857	
51	2420341	2306	7587301	2561844	1-2150387	0.9914497	755	9711953	
52	2420363	2306	7587488	2564266	1-2147194	0.9911832	756	9712049	
53	2420385	2305	7587675	2566688	1-2144001	0.9909167	757	9712145	
54	2420407	2305	7587862	2569110	1-2140808	0.9906502	758	9712241	
55	2420429	2305	7588049	2571532	1-2137615	0.9903837	759	9712337	
56	2420451	2304	7588236	2573954	1-2134422	0.9901172	760	9712433	
57	2420473	2304	7588423	2576376	1-2131229	0.9898507	761	9712529	
58	2420495	2304	7588610	2578798	1-2128036	0.9895842	762	9712625	
59	2420517	2303	7588797	2581220	1-2124843	0.9893177	763	9712721	
60	2420539	2303	7588984	2583642	1-2121650	0.9890512	764	9712817	
61	2420561	2303	7589171	2586064	1-2118457	0.9887847	765	9712913	
62	2420583	2302	7589358	2588486	1-2115264	0.9885182	766	9713009	
63	2420605	2302	7589545	2590908	1-2112071	0.9882517	767	9713105	
64	2420627	2302	7589732	2593330	1-2108878	0.9879852	768	9713201	
65	2420649	2301	7589919	2595752	1-2105685	0.9877187	769	9713297	
66	2420671	2301	7590106	2598174	1-2102492	0.9874522	770	9713393	
67	2420693	2301	7590293	2600596	1-2099299	0.9871857	771	9713489	
68	2420715	2300	7590480	2603018	1-2096106	0.9869192	772	9713585	
69	2420737	2300	7590667	2605440	1-2092913	0.9866527	773	9713681	
70	2420759	2300	7590854	2607862	1-2089720	0.9863862	774	9713777	
71	2420781	2299	7591041	2610284	1-2086527	0.9861197	775	9713873	
72	2420803	2299	7591228	2612706	1-2083334	0.9858532	776	9713969	
73	2420825	2299	7591415	2615128	1-2080141	0.9855867	777	9714065	
74	2420847	2298	7591602	2617550	1-2076948	0.9853202	778	9714161	
75	2420869	2298	7591789	2620000	1-2073755	0.9850537	779	9714257	
76	2420891	2298	7591976	2622422	1-2070562	0.9847872	780	9714353	
77	2420913	2297	7592163	2624844	1-2067369	0.9845207	781	9714449	
78	2420935	2297	7592350	2627266	1-2064176	0.9842542	782	9714545	
79	2420957	2297	7592537	2629688	1-2060983	0.9839877	783	9714641	
80	2420979	2296	7592724	2632110	1-2057790	0.9837212	784	9714737	
81	2421001	2296	7592911	2634532	1-2054597	0.9834547	785	9714833	
82	2421023	2296	7593098	2636954	1-2051404	0.9831882	786	9714929	
83	2421045	2295	7593285	2639376	1-2048211	0.9829217	787	9715025	
84	2421067	2295	7593472	2641798	1-2045018	0.9826552	788	9715121	
85	2421089	2295	7593659	2644220	1-2041825	0.9823887	789	9715217	
86	2421111	2294	7593846	2646642	1-2038632	0.9821222	790	9715313	
87	2421133	2294	7594033	2649064	1-2035439	0.9818557	791	9715409	
88	2421155	2294	7594220	2651486	1-2032246	0.9815892	792	9715505	
89	2421177	2293	7594407	2653908	1-2029053	0.9813227	793	9715601	
90	2421199	2293	7594594	2656330	1-2025860	0.9810562	794	9715697	
91	2421221	2293	7594781	2658752	1-2022667	0.9807897	795	9715793	
92	2421243	2292	7594968	2661174	1-2019474	0.9805232	796	9715889	
93	2421265	2292	7595155	2663596	1-2016281	0.9802567	797	9715985	
94	2421287	2292	7595342	2666018	1-2013088	0.9799902	798	9716081	
95	2421309	2291	7595529	2668440	1-2009895	0.9797237	799	9716177	
96	2421331	2291	7595716	2670862	1-2006702	0.9794572	800	9716273	
97	2421353	2291	7595903	2673284	1-2003509	0.9791907	801	9716369	
98	2421375	2290	7596090	2675706	1-2000316	0.9789242	802	9716465	
99	2421397	2290	7596277	2678128	1-1997123	0.9786577	803	9716561	
100	2421419	2290	7596464	2680550	1-1993930	0.9783912	804	9716657	

NATURAL SINES, COSINES, CHORDS, &c.

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	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	2558100	2310	7411810	2610524	1-2175223	0340742	753	9659258	60
1	2561000	2310	7400000	2613403	1-2172220	0341405	754	9658505	59
2	2563910	2309	7400190	2616292	1-2170912	0342219	755	9657751	58
3	2566810	2309	7403351	2619176	1-2168304	0343004	756	9656996	57
4	2569723	2309	7406572	2622060	1-2165906	0343769	756	9656240	56
5	2572627	2308	7397763	2624943	1-2163687	0344516	753	9655484	55
6	2575515	2308	7391955	2627826	1-2161378	0345274	753	9654728	54
7	2578383	2307	7392147	2630710	1-2159069	0346032	753	9653963	53
8	2581242	2307	7385338	2633594	1-2156758	0346791	750	9653209	52
9	2584102	2307	7386531	2636478	1-2154448	0347551	750	9652449	51
10	2586977	2308	7383723	2639362	1-2152138	0348311	752	9651689	50
11	2589855	2307	7380915	2642245	1-2149827	0349073	752	9650927	49
12	2592732	2307	7378108	2645123	1-2147516	0349835	753	9650165	48
13	2595609	2307	7375301	2648011	1-2145205	0350598	754	9649402	47
14	2598486	2306	7372494	2650894	1-2142894	0351362	755	9648638	46
15	2601362	2306	7369688	2653777	1-2140583	0352127	755	9647878	45
16	2604238	2306	7366882	2656660	1-2138272	0352892	757	9647108	44
17	2607115	2305	7364075	2659543	1-2135960	0353659	757	9646341	43
18	2610000	2305	7361270	2662426	1-2133648	0354426	758	9645574	42
19	2612883	2306	7358464	2665309	1-2131335	0355194	759	9644803	41
20	2615768	2305	7355658	2668192	1-2129022	0355963	759	9644037	40
21	2618647	2305	7352853	2671075	1-2126709	0356732	771	9643263	39
22	2621522	2305	7350048	2673958	1-2124396	0357503	771	9642497	38
23	2624402	2304	7347243	2676841	1-2122082	0358274	772	9641728	37
24	2627283	2305	7344439	2679724	1-2119768	0359046	773	9640954	36
25	2630162	2304	7341634	2682606	1-2117454	0359819	774	9640181	35
26	2633042	2303	7338830	2685488	1-2115140	0360593	774	9639407	34
27	2635923	2304	7336027	2688371	1-2112825	0361367	775	9638633	33
28	2638807	2304	7333223	2691254	1-2110510	0362142	777	9637858	32
29	2641691	2303	7330419	2694136	1-2108195	0362919	776	9637081	31
30	2644578	2303	7327610	2697018	1-2105880	0363695	778	9636305	30
31	2647467	2302	7324813	2699901	1-2103564	0364473	779	9635527	29
32	2650359	2303	7322011	2702784	1-2101248	0365252	779	9634748	28
33	2653252	2302	7319203	2705666	1-2098932	0366031	780	9633969	27
34	2656148	2302	7316400	2708548	1-2096616	0366811	781	9633189	26
35	2659046	2302	7313601	2711430	1-2094300	0367592	782	9632408	25
36	2661948	2302	7310802	2714312	1-2091982	0368374	783	9631626	24
37	2664850	2301	7308000	2717194	1-2089664	0369157	783	9630843	23
38	2667754	2301	7305199	2720076	1-2087348	0369940	785	9630060	22
39	2670661	2301	7302399	2722957	1-2085030	0370725	785	9629276	21
40	2673570	2301	7299597	2725838	1-2082712	0371510	786	9628490	20
41	2676483	2300	7296796	2728720	1-2080394	0372296	787	9627704	19
42	2679399	2301	7293996	2731602	1-2078076	0373083	787	9626917	18
43	2682318	2300	7291195	2734484	1-2075757	0373870	788	9626130	17
44	2685240	2300	7288395	2737366	1-2073438	0374658	789	9625342	16
45	2688164	2300	7285596	2740247	1-2071119	0375448	790	9624552	15
46	2691091	2300	7282796	2743128	1-2068800	0376233	790	9623762	14
47	2694020	2300	7279997	2746009	1-2066480	0377023	792	9622972	13
48	2696952	2300	7277198	2748890	1-2064160	0377820	793	9622180	12
49	2699887	2300	7274399	2751772	1-2061840	0378613	793	9621387	11
50	2702823	2300	7271600	2754654	1-2059520	0379406	794	9620594	10
51	2705762	2300	7268802	2757535	1-2057200	0380200	795	9619800	9
52	2708703	2300	7266003	2760416	1-2054880	0380995	795	9619005	8
53	2711646	2300	7263205	2763297	1-2052560	0381790	797	9618210	7
54	2714592	2300	7260408	2766178	1-2050240	0382587	797	9617413	6
55	2717540	2300	7257610	2769059	1-2047920	0383384	798	9616616	5
56	2720490	2300	7254813	2771940	1-2045600	0384182	799	9615818	4
57	2723442	2300	7252016	2774821	1-2043280	0384981	800	9615019	3
58	2726396	2300	7249219	2777702	1-2040960	0385781	801	9614219	2
59	2729352	2300	7246423	2780583	1-2038640	0386582	801	9613418	1
60	2732310	2300	7243628	2783464	1-2036320	0387383		9612617	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	2746274	2798	7247676	2783463	1-2026300	0387383			
1	2746170	2798	7247630	2783443	1-2026277	0388185	802	9612617	80
2	2746065	2798	7247585	2783424	1-2026254	0388988	803	9611515	81
3	2745961	2798	7247540	2783404	1-2026230	0389792	804	9610412	82
4	2745856	2798	7247495	2783384	1-2026206	0390595	805	9609309	83
5	2745752	2798	7247450	2783364	1-2026182	0391398	806	9608206	84
6	2745647	2798	7247405	2783344	1-2026158	0392202	807	9607102	85
7	2745543	2798	7247360	2783324	1-2026134	0393005	808	9606000	86
8	2745438	2798	7247315	2783304	1-2026110	0393808	809	9604896	87
9	2745334	2798	7247270	2783284	1-2026086	0394612	810	9603792	88
10	2745229	2798	7247225	2783264	1-2026062	0395415	811	9602688	89
11	2745125	2798	7247180	2783244	1-2026038	0396218	812	9601584	90
12	2745020	2798	7247135	2783224	1-2026014	0397022	813	9600480	91
13	2744916	2798	7247090	2783204	1-2025990	0397825	814	9599376	92
14	2744811	2798	7247045	2783184	1-2025966	0398628	815	9598272	93
15	2744707	2798	7247000	2783164	1-2025942	0399432	816	9597168	94
16	2744602	2798	7246955	2783144	1-2025918	0400235	817	9596064	95
17	2744498	2798	7246910	2783124	1-2025894	0401038	818	9594960	96
18	2744393	2798	7246865	2783104	1-2025870	0401842	819	9593856	97
19	2744289	2798	7246820	2783084	1-2025846	0402645	820	9592752	98
20	2744184	2798	7246775	2783064	1-2025822	0403448	821	9591648	99
21	2744080	2798	7246730	2783044	1-2025798	0404252	822	9590544	00
22	2743975	2798	7246685	2783024	1-2025774	0405055	823	9589440	01
23	2743871	2798	7246640	2783004	1-2025750	0405858	824	9588336	02
24	2743766	2798	7246595	2782984	1-2025726	0406662	825	9587232	03
25	2743662	2798	7246550	2782964	1-2025702	0407465	826	9586128	04
26	2743557	2798	7246505	2782944	1-2025678	0408268	827	9585024	05
27	2743453	2798	7246460	2782924	1-2025654	0409072	828	9583920	06
28	2743348	2798	7246415	2782904	1-2025630	0409875	829	9582816	07
29	2743244	2798	7246370	2782884	1-2025606	0410678	830	9581712	08
30	2743139	2798	7246325	2782864	1-2025582	0411482	831	9580608	09
31	2743035	2798	7246280	2782844	1-2025558	0412285	832	9579504	10
32	2742930	2798	7246235	2782824	1-2025534	0413088	833	9578400	11
33	2742826	2798	7246190	2782804	1-2025510	0413892	834	9577296	12
34	2742721	2798	7246145	2782784	1-2025486	0414695	835	9576192	13
35	2742617	2798	7246100	2782764	1-2025462	0415498	836	9575088	14
36	2742512	2798	7246055	2782744	1-2025438	0416302	837	9573984	15
37	2742408	2798	7246010	2782724	1-2025414	0417105	838	9572880	16
38	2742303	2798	7245965	2782704	1-2025390	0417908	839	9571776	17
39	2742199	2798	7245920	2782684	1-2025366	0418712	840	9570672	18
40	2742094	2798	7245875	2782664	1-2025342	0419515	841	9569568	19
41	2741990	2798	7245830	2782644	1-2025318	0420318	842	9568464	20
42	2741885	2798	7245785	2782624	1-2025294	0421122	843	9567360	21
43	2741781	2798	7245740	2782604	1-2025270	0421925	844	9566256	22
44	2741676	2798	7245695	2782584	1-2025246	0422728	845	9565152	23
45	2741572	2798	7245650	2782564	1-2025222	0423532	846	9564048	24
46	2741467	2798	7245605	2782544	1-2025198	0424335	847	9562944	25
47	2741363	2798	7245560	2782524	1-2025174	0425138	848	9561840	26
48	2741258	2798	7245515	2782504	1-2025150	0425942	849	9560736	27
49	2741154	2798	7245470	2782484	1-2025126	0426745	850	9559632	28
50	2741049	2798	7245425	2782464	1-2025102	0427548	851	9558528	29
51	2740945	2798	7245380	2782444	1-2025078	0428352	852	9557424	30
52	2740840	2798	7245335	2782424	1-2025054	0429155	853	9556320	31
53	2740736	2798	7245290	2782404	1-2025030	0429958	854	9555216	32
54	2740631	2798	7245245	2782384	1-2025006	0430762	855	9554112	33
55	2740527	2798	7245200	2782364	1-2024982	0431565	856	9553008	34
56	2740422	2798	7245155	2782344	1-2024958	0432368	857	9551904	35
57	2740318	2798	7245110	2782324	1-2024934	0433172	858	9550800	36
58	2740213	2798	7245065	2782304	1-2024910	0433975	859	9549696	37
59	2740109	2798	7245020	2782284	1-2024886	0434778	860	9548592	38
60	2740004	2798	7244975	2782264	1-2024862	0435582	861	9547488	39
61	2739900	2798	7244930	2782244	1-2024838	0436385	862	9546384	40
62	2739795	2798	7244885	2782224	1-2024814	0437188	863	9545280	41
63	2739691	2798	7244840	2782204	1-2024790	0437992	864	9544176	42
64	2739586	2798	7244795	2782184	1-2024766	0438795	865	9543072	43
65	2739482	2798	7244750	2782164	1-2024742	0439598	866	9541968	44
66	2739377	2798	7244705	2782144	1-2024718	0440402	867	9540864	45
67	2739273	2798	7244660	2782124	1-2024694	0441205	868	9539760	46
68	2739168	2798	7244615	2782104	1-2024670	0442008	869	9538656	47
69	2739064	2798	7244570	2782084	1-2024646	0442812	870	9537552	48
70	2738959	2798	7244525	2782064	1-2024622	0443615	871	9536448	49
71	2738855	2798	7244480	2782044	1-2024598	0444418	872	9535344	50
72	2738750	2798	7244435	2782024	1-2024574	0445222	873	9534240	51
73	2738646	2798	7244390	2782004	1-2024550	0446025	874	9533136	52
74	2738541	2798	7244345	2781984	1-2024526	0446828	875	9532032	53
75	2738437	2798	7244300	2781964	1-2024502	0447632	876	9530928	54
76	2738332	2798	7244255	2781944	1-2024478	0448435	877	9529824	55
77	2738228	2798	7244210	2781924	1-2024454	0449238	878	9528720	56
78	2738123	2798	7244165	2781904	1-2024430	0450042	879	9527616	57
79	2738019	2798	7244120	2781884	1-2024406	0450845	880	9526512	58
80	2737914	2798	7244075	2781864	1-2024382	0451648	881	9525408	59
81	2737810	2798	7244030	2781844	1-2024358	0452452	882	9524304	60
82	2737705	2798	7243985	2781824	1-2024334	0453255	883	9523200	61
83	2737601	2798	7243940	2781804	1-2024310	0454058	884	9522096	62
84	2737496	2798	7243895	2781784	1-2024286	0454862	885	9520992	63
85	2737392	2798	7243850	2781764	1-2024262	0455665	886	9519888	64
86	2737287	2798	7243805	2781744	1-2024238	0456468	887	9518784	65
87	2737183	2798	7243760	2781724	1-2024214	0457272	888	9517680	66
88	2737078	2798	7243715	2781704	1-2024190	0458075	889	9516576	67
89	2736974	2798	7243670	2781684	1-2024166	0458878	890	9515472	68
90	2736869	2798	7243625	2781664	1-2024142	0459682	891	9514368	69
91	2736765	2798	7243580	2781644	1-2024118	0460485	892	9513264	70
92	2736660	2798	7243535	2781624	1-2024094	0461288	893	9512160	71
93	2736556	2798	7243490	2781604	1-2024070	0462092	894	9511056	72
94	2736451	2798	7243445	2781584	1-2024046	0462895	895	9509952	73
95	2736347	2798	7243400	2781564	1-2024022	0463698	896	9508848	74
96	2736242	2798	7243355	2781544	1-2024000	0464502	897	9507744	75
97	2736138	2798	7243310	2781524	1-2023976	0465305	898	9506640	76
98	2736033	2798	7243265	2781504	1-2023952	0466108	899	9505536	77
99	2735929	2798	7243220	2781484	1-2023928	0466912	900	9504432	78
100	2735824	2798	7243175	2781464	1-2023904	0467715	901	9503328	79
101	2735720	2798	7243130	2781444	1-2023880	0468518	902	9502224	80
102	2735615	2798	7243085	2781424	1-2023856	0469322	903	9501120	81
103	2735511	2798	7243040	2781404	1-2023832	0470125	904	9500016	82
104	2735406	2798	7243000	2781384	1-2023808	0470928	905	9498912	83
105	2735302	2798	7242955	2781364	1-2023784	0471732	906	9497808	84
106	2735197	2798	7242910	2781344	1-2023760	0472535	907	9496704	85
107	2735093	2798	7242865	2781324	1-2023736	0473338	908	9495600	86
108	2734988	2798	7242820	2781304	1-2023712	0474142	909	9494496	87
109	2734884	2798	7242775	2781284	1-2023688	0474945	910	9493392	88
110	2734779	2798	7242730	2781264	1-2023664	0475748	911	9492288	89
111	273								

NATURAL SINES, COSINES, CHORDS, &c.

17 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	27717	2782	7076233	2970183	11836450	0126052	851	0563048	60
1	277490	2781	7073501	2969005	118494117	0137-03	852	0562107	59
2	277820	2781	7070720	2967812	11861778	0138255	853	0561145	58
3	278150	2781	7067939	2966519	11874139	0139503	853	0560192	57
4	278482	2781	7065153	2965206	11887100	0140761	854	0559250	56
5	278812	2780	7062377	2963872	11899761	0142125	855	0558318	55
6	279140	2780	7059597	2962518	11912222	0143507	856	0557390	54
7	279468	2780	7056817	2961145	11924683	0144892	856	0556474	53
8	279794	2780	7054037	2959762	11937144	0146282	857	0555568	52
9	280118	2780	7051257	2958378	11949605	0147679	859	0554662	51
10	280442	2780	7048478	2956994	11962066	0149083	859	0553756	50
11	280766	2779	7045698	2955610	11974527	0150493	860	0552850	49
12	281090	2778	7042919	2954226	11986988	0151908	861	0551944	48
13	281414	2778	7040141	2952842	11999449	0153328	861	0551038	47
14	281738	2778	7037362	2951458	12011910	0154753	863	0550132	46
15	282062	2778	7034583	2950074	12024371	0156183	863	0549226	45
16	282386	2777	7031804	2948690	12036832	0157618	863	0548320	44
17	282710	2778	7029025	2947306	12049293	0159058	865	0547414	43
18	283034	2777	7026246	2945922	12061754	0160498	865	0546508	42
19	283358	2777	7023467	2944538	12074215	0161938	867	0545602	41
20	283682	2776	7020688	2943154	12086676	0163383	867	0544696	40
21	284006	2777	7017909	2941770	12099137	0164828	868	0543790	39
22	284330	2776	7015130	2940386	12111598	0166273	868	0542884	38
23	284654	2776	7012351	2939002	12124059	0167718	870	0541978	37
24	284978	2776	7009572	2937618	12136520	0169163	870	0541072	36
25	285302	2775	7006793	2936234	12148981	0170608	871	0540166	35
26	285626	2775	7004014	2934850	12161442	0172053	872	0539260	34
27	285950	2775	7001235	2933466	12173903	0173498	873	0538354	33
28	286274	2776	6998456	2932082	12186364	0174943	873	0537448	32
29	286598	2774	6995677	2930698	12198825	0176388	874	0536542	31
30	286922	2774	6992898	2929314	12211286	0177833	876	0535636	30
31	287246	2774	6990119	2927930	12223747	0179278	876	0534730	29
32	287570	2774	6987340	2926546	12236208	0180723	876	0533824	28
33	287894	2773	6984561	2925162	12248669	0182168	878	0532918	27
34	288218	2773	6981782	2923778	12261130	0183613	879	0532012	26
35	288542	2773	6979003	2922394	12273591	0185058	879	0531106	25
36	288866	2772	6976224	2921010	12286052	0186503	880	0530200	24
37	289190	2773	6973445	2919626	12298513	0187948	881	0529294	23
38	289514	2772	6970666	2918242	12310974	0189393	882	0528388	22
39	289838	2772	6967887	2916858	12323435	0190838	882	0527482	21
40	290162	2771	6965108	2915474	12335896	0192283	883	0526576	20
41	290486	2772	6962329	2914090	12348357	0193728	884	0525670	19
42	290810	2771	6959550	2912706	12360818	0195173	885	0524764	18
43	291134	2770	6956771	2911322	12373279	0196618	886	0523858	17
44	291458	2770	6953992	2909938	12385740	0198063	886	0522952	16
45	291782	2770	6951213	2908554	12398201	0199508	887	0522046	15
46	292106	2770	6948434	2907170	12410662	0200953	888	0521140	14
47	292430	2770	6945655	2905786	12423123	0202398	889	0520234	13
48	292754	2770	6942876	2904402	12435584	0203843	890	0519328	12
49	293078	2769	6940097	2903018	12448045	0205288	891	0518422	11
50	293402	2769	6937318	2901634	12460506	0206733	891	0517516	10
51	293726	2769	6934539	2900250	12472967	0208178	892	0516610	9
52	294050	2768	6931760	2898866	12485428	0209623	893	0515704	8
53	294374	2768	6928981	2897482	12497889	0211068	894	0514798	7
54	294698	2768	6926202	2896098	12510350	0212513	896	0513892	6
55	295022	2768	6923423	2894714	12522811	0213958	896	0512986	5
56	295346	2767	6920644	2893330	12535272	0215403	897	0512080	4
57	295670	2767	6917865	2891946	12547733	0216848	897	0511174	3
58	295994	2767	6915086	2890562	12560194	0218293	899	0510268	2
59	296318	2767	6912307	2889178	12572655	0219738	899	0509362	1
60	296642	2767	6909528	2887794	12585116	0221183	899	0508456	0
	Cosine	P.M.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

18 Deg

	Sine	Diff.	Covers.	Chord	Co-chord	Vert.	Diff.	Cosine	
0	3000170		8000830	8125600	1 8755706	0480435	800	9 10565	60
1	3001130	1"66	8000870	8125563	1 8757352	0480384	801	9 10466	59
2	3002082	1"66	8000910	8125526	1 8759000	0480334	802	9 10368	58
3	3003035	1"66	8000950	8125489	1 8760648	0480284	803	9 10270	57
4	3003987	1"66	8000990	8125452	1 8762296	0480234	804	9 10172	56
5	3004940	1"65	8001030	8125415	1 8763944	0480184	805	9 10074	55
6	3005892	1"65	8001070	8125378	1 8765592	0480134	806	9 09976	54
7	3006845	1"65	8001110	8125341	1 8767240	0480084	807	9 09878	53
8	3007797	1"65	8001150	8125304	1 8768888	0480034	808	9 09780	52
9	3008750	1"64	8001190	8125267	1 8770536	0480000	809	9 09682	51
10	3009702	1"64	8001230	8125230	1 8772184	0479950	810	9 09584	50
11	3010655	1"63	8001270	8125193	1 8773832	0479900	811	9 09486	49
12	3011607	1"63	8001310	8125156	1 8775480	0479850	812	9 09388	48
13	3012560	1"63	8001350	8125119	1 8777128	0479800	813	9 09290	47
14	3013512	1"63	8001390	8125082	1 8778776	0479750	814	9 09192	46
15	3014465	1"62	8001430	8125045	1 8780424	0479700	815	9 09094	45
16	3015417	1"62	8001470	8125008	1 8782072	0479650	816	9 08996	44
17	3016370	1"62	8001510	8124971	1 8783720	0479600	817	9 08898	43
18	3017322	1"61	8001550	8124934	1 8785368	0479550	818	9 08800	42
19	3018275	1"62	8001590	8124897	1 8787016	0479500	819	9 08702	41
20	3019227	1"61	8001630	8124860	1 8788664	0479450	820	9 08604	40
21	3020180	1"60	8001670	8124823	1 8790312	0479400	821	9 08506	39
22	3021132	1"60	8001710	8124786	1 8791960	0479350	822	9 08408	38
23	3022085	1"59	8001750	8124749	1 8793608	0479300	823	9 08310	37
24	3023037	1"59	8001790	8124712	1 8795256	0479250	824	9 08212	36
25	3023990	1"58	8001830	8124675	1 8796904	0479200	825	9 08114	35
26	3024942	1"58	8001870	8124638	1 8798552	0479150	826	9 08016	34
27	3025895	1"57	8001910	8124601	1 8800200	0479100	827	9 07918	33
28	3026847	1"57	8001950	8124564	1 8801848	0479050	828	9 07820	32
29	3027800	1"56	8001990	8124527	1 8803496	0479000	829	9 07722	31
30	3028752	1"56	8002030	8124490	1 8805144	0478950	830	9 07624	30
31	3029705	1"55	8002070	8124453	1 8806792	0478900	831	9 07526	29
32	3030657	1"55	8002110	8124416	1 8808440	0478850	832	9 07428	28
33	3031610	1"54	8002150	8124379	1 8810088	0478800	833	9 07330	27
34	3032562	1"54	8002190	8124342	1 8811736	0478750	834	9 07232	26
35	3033515	1"53	8002230	8124305	1 8813384	0478700	835	9 07134	25
36	3034467	1"53	8002270	8124268	1 8815032	0478650	836	9 07036	24
37	3035420	1"52	8002310	8124231	1 8816680	0478600	837	9 06938	23
38	3036372	1"52	8002350	8124194	1 8818328	0478550	838	9 06840	22
39	3037325	1"51	8002390	8124157	1 8819976	0478500	839	9 06742	21
40	3038277	1"51	8002430	8124120	1 8821624	0478450	840	9 06644	20
41	3039230	1"50	8002470	8124083	1 8823272	0478400	841	9 06546	19
42	3040182	1"50	8002510	8124046	1 8824920	0478350	842	9 06448	18
43	3041135	1"49	8002550	8124009	1 8826568	0478300	843	9 06350	17
44	3042087	1"49	8002590	8123972	1 8828216	0478250	844	9 06252	16
45	3043040	1"48	8002630	8123935	1 8829864	0478200	845	9 06154	15
46	3043992	1"48	8002670	8123898	1 8831512	0478150	846	9 06056	14
47	3044945	1"47	8002710	8123861	1 8833160	0478100	847	9 05958	13
48	3045897	1"47	8002750	8123824	1 8834808	0478050	848	9 05860	12
49	3046850	1"46	8002790	8123787	1 8836456	0478000	849	9 05762	11
50	3047802	1"46	8002830	8123750	1 8838104	0477950	850	9 05664	10
51	3048755	1"45	8002870	8123713	1 8839752	0477900	851	9 05566	9
52	3049707	1"45	8002910	8123676	1 8841400	0477850	852	9 05468	8
53	3050660	1"44	8002950	8123639	1 8843048	0477800	853	9 05370	7
54	3051612	1"44	8002990	8123602	1 8844696	0477750	854	9 05272	6
55	3052565	1"43	8003030	8123565	1 8846344	0477700	855	9 05174	5
56	3053517	1"43	8003070	8123528	1 8847992	0477650	856	9 05076	4
57	3054470	1"42	8003110	8123491	1 8849640	0477600	857	9 04978	3
58	3055422	1"42	8003150	8123454	1 8851288	0477550	858	9 04880	2
59	3056375	1"41	8003190	8123417	1 8852936	0477500	859	9 04782	1
60	3057327	1"41	8003230	8123380	1 8854584	0477450	860	9 04684	0
	Cosine	Diff.	Vert.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

19 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	3255682	2750	6744218	3300052	1-1611050	0544814	018	0155156	60
1	3255832	2750	6741938	3300221	1-1611031	0545762	018	0154223	59
2	3255982	2750	6739518	3300390	1-1601522	0546710	019	0153290	58
3	3256132	2750	6737068	3300559	1-1600953	0547659	020	0152341	57
4	3256281	2740	6734519	3301228	1-1600484	0548609	020	0151391	56
5	3256430	2740	6732070	3301897	1-16002215	0549559	022	0150441	55
6	3256579	2740	6729621	3302566	1-1599846	0550511	022	0149490	54
7	3256728	2740	6727172	3303235	1-1599476	0551463	023	0148537	53
8	3256877	2740	6724723	3303904	1-1599106	0552416	024	0147584	52
9	3257026	2740	6722274	3304573	1-1598736	0553369	024	0146631	51
10	3257175	2740	6719825	3305242	1-1598366	0554322	025	0145678	50
11	3257324	2740	6717376	3305911	1-1597995	0555275	025	0144725	49
12	3257473	2740	6714927	3306580	1-1597625	0556228	026	0143772	48
13	3257622	2740	6712478	3307249	1-1597254	0557181	026	0142819	47
14	3257771	2740	6710029	3307918	1-1596884	0558134	027	0141866	46
15	3257920	2740	6707580	3308587	1-1596513	0559087	027	0140913	45
16	3258069	2740	6705131	3309256	1-1596143	0560040	028	0140000	44
17	3258218	2740	6702682	3309925	1-1595772	0560993	028	0139047	43
18	3258367	2740	6700233	3310594	1-1595402	0561946	029	0138094	42
19	3258516	2740	6697784	3311263	1-1595031	0562899	029	0137141	41
20	3258665	2740	6695335	3311932	1-1594661	0563852	030	0136188	40
21	3258814	2740	6692886	3312601	1-1594290	0564805	030	0135235	39
22	3258963	2740	6690437	3313270	1-1593920	0565758	031	0134282	38
23	3259112	2740	6687988	3313939	1-1593549	0566711	031	0133329	37
24	3259261	2740	6685539	3314608	1-1593179	0567664	032	0132376	36
25	3259410	2740	6683090	3315277	1-1592808	0568617	032	0131423	35
26	3259559	2740	6680641	3315946	1-1592438	0569570	033	0130470	34
27	3259708	2740	6678192	3316615	1-1592067	0570523	033	0129517	33
28	3259857	2740	6675743	3317284	1-1591697	0571476	034	0128564	32
29	3259996	2740	6673294	3317953	1-1591326	0572429	034	0127611	31
30	3260145	2740	6670845	3318622	1-1590956	0573382	035	0126658	30
31	3260294	2740	6668396	3319291	1-1590585	0574335	035	0125705	29
32	3260443	2740	6665947	3319960	1-1590215	0575288	036	0124752	28
33	3260592	2740	6663498	3320629	1-1589844	0576241	036	0123799	27
34	3260741	2740	6661049	3321298	1-1589474	0577194	037	0122846	26
35	3260890	2740	6658600	3321967	1-1589103	0578147	037	0121893	25
36	3261039	2740	6656151	3322636	1-1588733	0579100	038	0120940	24
37	3261188	2740	6653702	3323305	1-1588362	0580053	038	0119987	23
38	3261337	2740	6651253	3323974	1-1587992	0581006	039	0119034	22
39	3261486	2740	6648804	3324643	1-1587621	0581959	039	0118081	21
40	3261635	2740	6646355	3325312	1-1587251	0582912	040	0117128	20
41	3261784	2740	6643906	3325981	1-1586880	0583865	040	0116175	19
42	3261933	2740	6641457	3326650	1-1586510	0584818	041	0115222	18
43	3262082	2740	6639008	3327319	1-1586139	0585771	041	0114269	17
44	3262231	2740	6636559	3327988	1-1585769	0586724	042	0113316	16
45	3262380	2740	6634110	3328657	1-1585398	0587677	042	0112363	15
46	3262529	2740	6631661	3329326	1-1585028	0588630	043	0111410	14
47	3262678	2740	6629212	3329995	1-1584657	0589583	043	0110457	13
48	3262827	2740	6626763	3330664	1-1584287	0590536	044	0109504	12
49	3262976	2740	6624314	3331333	1-1583916	0591489	044	0108551	11
50	3263125	2740	6621865	3331992	1-1583546	0592442	045	0107598	10
51	3263274	2740	6619416	3332661	1-1583175	0593395	045	0106645	9
52	3263423	2740	6616967	3333330	1-1582805	0594348	046	0105692	8
53	3263572	2740	6614518	3333999	1-1582434	0595301	046	0104739	7
54	3263721	2740	6612069	3334668	1-1582064	0596254	047	0103786	6
55	3263870	2740	6609620	3335337	1-1581693	0597207	047	0102833	5
56	3264019	2740	6607171	3336006	1-1581323	0598160	048	0101880	4
57	3264168	2740	6604722	3336675	1-1580952	0599113	048	0100927	3
58	3264317	2740	6602273	3337344	1-1580582	0599966	049	0100000	2
59	3264466	2740	6600000	3338013	1-1580211	0600919	049	0099053	1
60	3264615	2740	6597551	3338682	1-1579841	0601872	050	0098106	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

	Sine	Dist.	Covers.	Chord	Co-chord	Vers.	Dist.	Cosine	
0	3420901	1734	6577799	3472664	11471523	0000074	905	9999926	60
1	3422035	1734	6577705	3472825	11470115	0000076	906	9999924	59
2	3423169	1733	6574332	3472982	11468761	0000078	907	9999922	58
3	3424303	1733	6571000	3473137	11467459	0000080	908	9999920	57
4	3425437	1732	6567867	3473291	11466196	0000082	909	9999918	56
5	3426571	1732	6564813	3473445	11464982	0000084	910	9999916	55
6	3427705	1731	6561830	3473598	11463817	0000086	1001	9999914	54
7	3428839	1731	6558917	3473751	11462699	0000088	1002	9999912	53
8	3429973	1731	6556074	3473904	11461628	0000090	1003	9999910	52
9	3431107	1730	6553300	3474057	11460603	0000092	1004	9999908	51
10	3432241	1730	6550595	3474210	11459624	0000094	1005	9999906	50
11	3433375	1729	6547960	3474363	11458691	0000096	1006	9999904	49
12	3434509	1729	6545395	3474516	11457803	0000098	1007	9999902	48
13	3435643	1728	6542900	3474669	11456960	0000100	1008	9999900	47
14	3436777	1728	6540475	3474822	11456162	0000102	1009	9999898	46
15	3437911	1727	6538120	3474975	11455409	0000104	1010	9999896	45
16	3439045	1727	6535835	3475128	11454699	0000106	1011	9999894	44
17	3440179	1727	6533620	3475281	11454032	0000108	1012	9999892	43
18	3441313	1726	6531475	3475434	11453407	0000110	1013	9999890	42
19	3442447	1726	6529390	3475587	11452824	0000112	1014	9999888	41
20	3443581	1725	6527365	3475740	11452283	0000114	1015	9999886	40
21	3444715	1725	6525400	3475893	11451783	0000116	1016	9999884	39
22	3445849	1725	6523495	3476046	11451324	0000118	1017	9999882	38
23	3446983	1724	6521650	3476199	11450905	0000120	1018	9999880	37
24	3448117	1724	6519865	3476352	11450526	0000122	1019	9999878	36
25	3449251	1723	6518140	3476505	11450187	0000124	1020	9999876	35
26	3450385	1723	6516475	3476658	11449888	0000126	1021	9999874	34
27	3451519	1723	6514870	3476811	11449629	0000128	1022	9999872	33
28	3452653	1722	6513325	3476964	11449409	0000130	1023	9999870	32
29	3453787	1722	6511840	3477117	11449228	0000132	1024	9999868	31
30	3454921	1721	6510415	3477270	11449087	0000134	1025	9999866	30
31	3456055	1721	6509050	3477423	11448985	0000136	1026	9999864	29
32	3457189	1721	6507745	3477576	11448922	0000138	1027	9999862	28
33	3458323	1720	6506490	3477729	11448898	0000140	1028	9999860	27
34	3459457	1720	6505285	3477882	11448913	0000142	1029	9999858	26
35	3460591	1719	6504130	3478035	11448967	0000144	1030	9999856	25
36	3461725	1719	6503025	3478188	11449060	0000146	1031	9999854	24
37	3462859	1718	6501970	3478341	11449192	0000148	1032	9999852	23
38	3463993	1718	6500965	3478494	11449363	0000150	1033	9999850	22
39	3465127	1717	6500010	3478647	11449573	0000152	1034	9999848	21
40	3466261	1717	6499105	3478800	11449822	0000154	1035	9999846	20
41	3467395	1717	6498250	3478953	11450110	0000156	1036	9999844	19
42	3468529	1716	6497445	3479106	11450437	0000158	1037	9999842	18
43	3469663	1716	6496690	3479259	11450803	0000160	1038	9999840	17
44	3470797	1715	6495985	3479412	11451208	0000162	1039	9999838	16
45	3471931	1715	6495330	3479565	11451652	0000164	1040	9999836	15
46	3473065	1714	6494725	3479718	11452135	0000166	1041	9999834	14
47	3474199	1714	6494170	3479871	11452657	0000168	1042	9999832	13
48	3475333	1713	6493665	3480024	11453218	0000170	1043	9999830	12
49	3476467	1713	6493210	3480177	11453818	0000172	1044	9999828	11
50	3477601	1712	6492805	3480330	11454457	0000174	1045	9999826	10
51	3478735	1712	6492450	3480483	11455135	0000176	1046	9999824	9
52	3479869	1711	6492145	3480636	11455852	0000178	1047	9999822	8
53	3481003	1711	6491890	3480789	11456608	0000180	1048	9999820	7
54	3482137	1710	6491685	3480942	11457403	0000182	1049	9999818	6
55	3483271	1710	6491530	3481095	11458237	0000184	1050	9999816	5
56	3484405	1709	6491425	3481248	11459110	0000186	1051	9999814	4
57	3485539	1709	6491370	3481401	11460022	0000188	1052	9999812	3
58	3486673	1708	6491365	3481554	11460973	0000190	1053	9999810	2
59	3487807	1708	6491410	3481707	11461963	0000192	1054	9999808	1
60	3488941	1707	6491505	3481860	11462992	0000194	1055	9999806	0
61	3490075	1707	6491650	3482013	11464061	0000196	1056	9999804	
62	3491209	1706	6491845	3482166	11465169	0000198	1057	9999802	
63	3492343	1706	6492090	3482319	11466316	0000200	1058	9999800	
64	3493477	1705	6492385	3482472	11467502	0000202	1059	9999798	
65	3494611	1705	6492730	3482625	11468727	0000204	1060	9999796	
66	3495745	1704	6493125	3482778	11470000	0000206	1061	9999794	
67	3496879	1704	6493570	3482931	11471321	0000208	1062	9999792	
68	3498013	1703	6494065	3483084	11472690	0000210	1063	9999790	
69	3499147	1703	6494610	3483237	11474107	0000212	1064	9999788	
70	3500281	1702	6495205	3483390	11475572	0000214	1065	9999786	
71	3501415	1702	6495850	3483543	11477085	0000216	1066	9999784	
72	3502549	1701	6496545	3483696	11478646	0000218	1067	9999782	
73	3503683	1701	6497290	3483849	11480255	0000220	1068	9999780	
74	3504817	1700	6498085	3484002	11481912	0000222	1069	9999778	
75	3505951	1700	6498930	3484155	11483617	0000224	1070	9999776	
76	3507085	1699	6499825	3484308	11485369	0000226	1071	9999774	
77	3508219	1699	6500770	3484461	11487168	0000228	1072	9999772	
78	3509353	1698	6501765	3484614	11489014	0000230	1073	9999770	
79	3510487	1698	6502810	3484767	11490907	0000232	1074	9999768	
80	3511621	1697	6503905	3484920	11492847	0000234	1075	9999766	
81	3512755	1697	6505050	3485073	11494834	0000236	1076	9999764	
82	3513889	1696	6506245	3485226	11496867	0000238	1077	9999762	
83	3515023	1696	6507490	3485379	11498946	0000240	1078	9999760	
84	3516157	1695	6508785	3485532	11501071	0000242	1079	9999758	
85	3517291	1695	6510130	3485685	11503242	0000244	1080	9999756	
86	3518425	1694	6511525	3485838	11505459	0000246	1081	9999754	
87	3519559	1694	6512970	3485991	11507722	0000248	1082	9999752	
88	3520693	1693	6514465	3486144	11510031	0000250	1083	9999750	
89	3521827	1693	6516010	3486297	11512386	0000252	1084	9999748	
90	3522961	1692	6517605	3486450	11514787	0000254	1085	9999746	
91	3524095	1692	6519250	3486603	11517234	0000256	1086	9999744	
92	3525229	1691	6520945	3486756	11519727	0000258	1087	9999742	
93	3526363	1691	6522690	3486909	11522265	0000260	1088	9999740	
94	3527497	1690	6524485	3487062	11524848	0000262	1089	9999738	
95	3528631	1690	6526330	3487215	11527475	0000264	1090	9999736	
96	3529765	1689	6528225	3487368	11530146	0000266	1091	9999734	
97	3530899	1689	6530170	3487521	11532861	0000268	1092	9999732	
98	3532033	1688	6532165	3487674	11535621	0000270	1093	9999730	
99	3533167	1688	6534210	3487827	11538425	0000272	1094	9999728	
100	3534301	1687	6536305	3487980	11541274	0000274	1095	9999726	
101	3535435	1687	6538450	3488133	11544167	0000276	1096	9999724	
102	3536569	1686	6540645	3488286	11547104	0000278	1097	9999722	
103	3537703	1686	6542890	3488439	11550085	0000280	1098	9999720	
104	3538837	1685	6545185	3488592	11553110	0000282	1099	9999718	
105	3539971	1685	6547530	3488745	11556180	0000284	1100	9999716	
106	3541105	1684	6549925	3488898	11559294	0000286	1101	9999714	
107	3542239	1684	6552370	3489051	11562453	0000288	1102	9999712	
108	3543373	1683	6554865	3489204	11565656	0000290	1103	9999710	
109	3544507	1683	6557410	3489357	11568903	0000292	1104	9999708	
110	3545641	1682	6560005	3489510	11572194	0000294	1105	9999706	
111	3546775	1682	6562650	3489663	11575529	0000296	1106	9999704	
112	3547909	1681	6565345	3489816	1				

NATURAL SINES, COSINES, CHORDS, &c.

21 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Verse.	Diff.	Cosine	
0	335773	5716	6116321	3344710	1-1328124	0664196	1043	9325804	60
1	335795	2716	6116305	3344750	1-132827	0664239	1043	9334701	59
2	335810	2716	6116290	3344830	1-1328332	0664282	1045	9343718	58
3	335825	2716	6116275	3344900	1-1328382	0664327	1045	9352873	57
4	335840	2716	6116260	3345050	1-1328434	0664372	1046	9362163	56
5	335854	2714	6116246	3345200	1-1328485	0664418	1047	9371582	55
6	335868	2714	6116232	3345340	1-1328533	0664465	1047	9381135	54
7	335882	2713	6116218	3345470	1-1328583	0664512	1049	9390828	53
8	335895	2713	6116205	3345600	1-1328633	0664561	1049	9400659	52
9	335908	2713	6116192	3345740	1-1328683	0664610	1050	9410628	51
10	335921	2713	6116179	3345880	1-1328733	0664660	1050	9420734	50
11	335934	2712	6116166	3346010	1-1328783	0664710	1052	9430978	49
12	335948	2712	6116154	3346140	1-1328834	0664762	1052	9441359	48
13	335961	2711	6116142	3346270	1-1328884	0664814	1053	9451876	47
14	335975	2711	6116130	3346400	1-1328934	0664867	1054	9462529	46
15	335988	2711	6116118	3346530	1-1328983	0664921	1056	9473318	45
16	336001	2711	6116106	3346660	1-1329033	0664976	1055	9484243	44
17	336015	2710	6116095	3346790	1-1329083	0665031	1057	9495304	43
18	336028	2710	6116083	3346920	1-1329133	0665088	1057	9506501	42
19	336042	2710	6116072	3347050	1-1329183	0665146	1058	9517834	41
20	336055	2709	6116060	3347180	1-1329233	0665203	1058	9529303	40
21	336068	2709	6116049	3347310	1-1329283	0665261	1060	9540908	39
22	336082	2708	6116038	3347440	1-1329333	0665321	1060	9552649	38
23	336095	2708	6116027	3347570	1-1329383	0665381	1061	9564526	37
24	336108	2708	6116016	3347700	1-1329433	0665442	1062	9576539	36
25	336122	2707	6116005	3347830	1-1329483	0665504	1062	9588688	35
26	336135	2707	6115994	3347960	1-1329533	0665567	1064	9600973	34
27	336148	2707	6115983	3348090	1-1329583	0665631	1064	9613394	33
28	336162	2706	6115972	3348220	1-1329633	0665696	1065	9625951	32
29	336175	2706	6115961	3348350	1-1329683	0665761	1065	9638644	31
30	336188	2705	6115950	3348480	1-1329733	0665827	1067	9651473	30
31	336202	2705	6115939	3348610	1-1329783	0665893	1067	9664448	29
32	336215	2705	6115928	3348740	1-1329833	0665960	1068	9677569	28
33	336228	2705	6115917	3348870	1-1329883	0666028	1069	9690826	27
34	336242	2704	6115906	3349000	1-1329933	0666096	1070	9704229	26
35	336255	2704	6115895	3349130	1-1329983	0666165	1070	9717778	25
36	336268	2704	6115884	3349260	1-1330033	0666235	1071	9731473	24
37	336282	2704	6115873	3349390	1-1330083	0666306	1072	9745314	23
38	336295	2704	6115862	3349520	1-1330133	0666378	1072	9759301	22
39	336308	2703	6115851	3349650	1-1330183	0666451	1073	9773434	21
40	336322	2703	6115840	3349780	1-1330233	0666525	1074	9787713	20
41	336335	2703	6115829	3349910	1-1330283	0666600	1075	9802138	19
42	336348	2702	6115818	3350040	1-1330333	0666676	1076	9816709	18
43	336362	2702	6115807	3350170	1-1330383	0666753	1077	9831426	17
44	336375	2702	6115796	3350300	1-1330433	0666831	1077	9846289	16
45	336388	2702	6115785	3350430	1-1330483	0666910	1079	9861298	15
46	336402	2701	6115774	3350560	1-1330533	0666990	1079	9876453	14
47	336415	2701	6115763	3350690	1-1330583	0667071	1080	9891754	13
48	336428	2701	6115752	3350820	1-1330633	0667153	1081	9907201	12
49	336442	2700	6115741	3350950	1-1330683	0667236	1082	9922794	11
50	336455	2700	6115730	3351080	1-1330733	0667320	1082	9938533	10
51	336468	2700	6115719	3351210	1-1330783	0667405	1083	9954418	9
52	336482	2700	6115708	3351340	1-1330833	0667491	1084	9970449	8
53	336495	2700	6115697	3351470	1-1330883	0667578	1084	9986626	7
54	336508	2700	6115686	3351600	1-1330933	0667666	1085	9992949	6
55	336522	2700	6115675	3351730	1-1330983	0667755	1086	1000000	5
56	336535	2700	6115664	3351860	1-1331033	0667845	1087	1000000	4
57	336548	2700	6115653	3351990	1-1331083	0667936	1088	1000000	3
58	336562	2700	6115642	3352120	1-1331133	0668028	1089	1000000	2
59	336575	2700	6115631	3352250	1-1331183	0668121	1090	1000000	1
60	336588	2700	6115620	3352380	1-1331233	0668215	1090	1000000	0
	Cosine	Diff.	Verse.	Co-chord	Chord	Covers.	Diff.	Sine	

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	37°00'00		8332034	3918180	1°1132558	0°78161	1091	9°71839	60
1	37°01'00	2897	8332123	3918205	1°1131446	0°78162	1090	9°71843	59
2	37°02'00	2897	8332211	3918230	1°1130334	0°78163	1090	9°71847	58
3	37°03'00	2897	8332299	3918255	1°1129222	0°78164	1090	9°71851	57
4	37°04'00	2897	8332387	3918280	1°1128110	0°78165	1090	9°71855	56
5	37°05'00	2897	8332475	3918305	1°1127000	0°78166	1090	9°71859	55
6	37°06'00	2897	8332563	3918330	1°1125888	0°78167	1090	9°71863	54
7	37°07'00	2897	8332651	3918355	1°1124776	0°78168	1090	9°71867	53
8	37°08'00	2897	8332739	3918380	1°1123664	0°78169	1090	9°71871	52
9	37°09'00	2897	8332827	3918405	1°1122552	0°78170	1090	9°71875	51
10	37°10'00	2897	8332915	3918430	1°1121440	0°78171	1090	9°71879	50
11	37°11'00	2897	8333003	3918455	1°1120328	0°78172	1090	9°71883	49
12	37°12'00	2897	8333091	3918480	1°1119216	0°78173	1090	9°71887	48
13	37°13'00	2897	8333179	3918505	1°1118104	0°78174	1090	9°71891	47
14	37°14'00	2897	8333267	3918530	1°1116992	0°78175	1090	9°71895	46
15	37°15'00	2897	8333355	3918555	1°1115880	0°78176	1090	9°71899	45
16	37°16'00	2897	8333443	3918580	1°1114768	0°78177	1090	9°71903	44
17	37°17'00	2897	8333531	3918605	1°1113656	0°78178	1090	9°71907	43
18	37°18'00	2897	8333619	3918630	1°1112544	0°78179	1090	9°71911	42
19	37°19'00	2897	8333707	3918655	1°1111432	0°78180	1090	9°71915	41
20	37°20'00	2897	8333795	3918680	1°1110320	0°78181	1090	9°71919	40
21	37°21'00	2897	8333883	3918705	1°1109208	0°78182	1090	9°71923	39
22	37°22'00	2897	8333971	3918730	1°1108096	0°78183	1090	9°71927	38
23	37°23'00	2897	8334059	3918755	1°1106984	0°78184	1090	9°71931	37
24	37°24'00	2897	8334147	3918780	1°1105872	0°78185	1090	9°71935	36
25	37°25'00	2897	8334235	3918805	1°1104760	0°78186	1090	9°71939	35
26	37°26'00	2897	8334323	3918830	1°1103648	0°78187	1090	9°71943	34
27	37°27'00	2897	8334411	3918855	1°1102536	0°78188	1090	9°71947	33
28	37°28'00	2897	8334499	3918880	1°1101424	0°78189	1090	9°71951	32
29	37°29'00	2897	8334587	3918905	1°1100312	0°78190	1090	9°71955	31
30	37°30'00	2897	8334675	3918930	1°1099200	0°78191	1090	9°71959	30
31	37°31'00	2897	8334763	3918955	1°1098088	0°78192	1090	9°71963	29
32	37°32'00	2897	8334851	3918980	1°1096976	0°78193	1090	9°71967	28
33	37°33'00	2897	8334939	3919005	1°1095864	0°78194	1090	9°71971	27
34	37°34'00	2897	8335027	3919030	1°1094752	0°78195	1090	9°71975	26
35	37°35'00	2897	8335115	3919055	1°1093640	0°78196	1090	9°71979	25
36	37°36'00	2897	8335203	3919080	1°1092528	0°78197	1090	9°71983	24
37	37°37'00	2897	8335291	3919105	1°1091416	0°78198	1090	9°71987	23
38	37°38'00	2897	8335379	3919130	1°1090304	0°78199	1090	9°71991	22
39	37°39'00	2897	8335467	3919155	1°1089192	0°78200	1090	9°71995	21
40	37°40'00	2897	8335555	3919180	1°1088080	0°78201	1090	9°71999	20
41	37°41'00	2897	8335643	3919205	1°1086968	0°78202	1090	9°72003	19
42	37°42'00	2897	8335731	3919230	1°1085856	0°78203	1090	9°72007	18
43	37°43'00	2897	8335819	3919255	1°1084744	0°78204	1090	9°72011	17
44	37°44'00	2897	8335907	3919280	1°1083632	0°78205	1090	9°72015	16
45	37°45'00	2897	8335995	3919305	1°1082520	0°78206	1090	9°72019	15
46	37°46'00	2897	8336083	3919330	1°1081408	0°78207	1090	9°72023	14
47	37°47'00	2897	8336171	3919355	1°1080296	0°78208	1090	9°72027	13
48	37°48'00	2897	8336259	3919380	1°1079184	0°78209	1090	9°72031	12
49	37°49'00	2897	8336347	3919405	1°1078072	0°78210	1090	9°72035	11
50	37°50'00	2897	8336435	3919430	1°1076960	0°78211	1090	9°72039	10
51	37°51'00	2897	8336523	3919455	1°1075848	0°78212	1090	9°72043	9
52	37°52'00	2897	8336611	3919480	1°1074736	0°78213	1090	9°72047	8
53	37°53'00	2897	8336699	3919505	1°1073624	0°78214	1090	9°72051	7
54	37°54'00	2897	8336787	3919530	1°1072512	0°78215	1090	9°72055	6
55	37°55'00	2897	8336875	3919555	1°1071400	0°78216	1090	9°72059	5
56	37°56'00	2897	8336963	3919580	1°1070288	0°78217	1090	9°72063	4
57	37°57'00	2897	8337051	3919605	1°1069176	0°78218	1090	9°72067	3
58	37°58'00	2897	8337139	3919630	1°1068064	0°78219	1090	9°72071	2
59	37°59'00	2897	8337227	3919655	1°1066952	0°78220	1090	9°72075	1
60	38°00'00	2897	8337315	3919680	1°1065840	0°78221	1090	9°72079	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

23 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	3977311		6092689	3957253	1-1038740	0794051		9205040	60
1	3977339	2673	6090911	3956203	1-1038314	0796083	1137	9203912	59
2	3977366	2677	6089134	3955090	1-1037888	0797220	1139	9202774	58
3	3977393	2677	6087357	3953910	1-1037462	0798365	1139	9201635	57
4	3977419	2676	6085581	3952760	1-1037036	0799504	1139	9200496	56
5	3977445	2676	6083805	3951610	1-1036609	0800644	1140	9199356	55
6	3977471	2676	6082029	3950460	1-1036182	0801785	1142	9198215	54
7	3977497	2675	6080253	3949310	1-1035754	0802927	1142	9197073	53
8	3977522	2675	6078478	3948160	1-1035326	0804069	1143	9195931	52
9	3977547	2674	6076702	3947010	1-1034899	0805212	1144	9194789	51
10	3977571	2674	6074926	3945860	1-1034472	0806356	1145	9193644	50
11	3977596	2674	6073150	3944710	1-1034043	0807501	1146	9192499	49
12	3977620	2674	6071374	3943560	1-1033614	0808647	1146	9191353	48
13	3977644	2673	6069598	3942410	1-1033186	0809793	1147	9190207	47
14	3977668	2673	6067822	3941260	1-1032758	0810940	1148	9189060	46
15	3977692	2672	6066046	3940110	1-1032329	0812088	1149	9187912	45
16	3977716	2672	6064270	3938960	1-1031900	0813237	1149	9186763	44
17	3977740	2672	6062494	3937810	1-1031470	0814386	1150	9185614	43
18	3977764	2672	6060718	3936660	1-1031040	0815536	1151	9184464	42
19	3977788	2671	6058942	3935510	1-1030610	0816687	1152	9183313	41
20	3977812	2670	6057166	3934360	1-1030180	0817839	1152	9182161	40
21	3977836	2671	6055390	3933210	1-1029749	0818991	1154	9181009	39
22	3977860	2670	6053614	3932060	1-1029318	0820145	1154	9179855	38
23	3977884	2670	6051838	3930910	1-1028887	0821299	1155	9178701	37
24	3977908	2669	6050062	3929760	1-1028456	0822454	1155	9177546	36
25	3977932	2669	6048286	3928610	1-1028025	0823609	1157	9176391	35
26	3977956	2668	6046510	3927460	1-1027594	0824763	1157	9175234	34
27	3977980	2668	6044734	3926310	1-1027162	0825918	1158	9174077	33
28	3978004	2668	6042958	3925160	1-1026730	0827071	1159	9172919	32
29	3978028	2668	6041182	3924010	1-1026298	0828224	1159	9171760	31
30	3978052	2667	6039406	3922860	1-1025866	0829379	1161	9170601	30
31	3978076	2667	6037630	3921710	1-1025433	0830530	1161	9169440	29
32	3978100	2667	6035854	3920560	1-1025000	0831681	1161	9168279	28
33	3978124	2666	6034078	3919410	1-1024566	0832832	1163	9167118	27
34	3978148	2666	6032302	3918260	1-1024132	0833984	1164	9165955	26
35	3978172	2665	6030526	3917110	1-1023698	0835135	1164	9164791	25
36	3978196	2665	6028750	3915960	1-1023264	0836287	1165	9163627	24
37	3978220	2665	6026974	3914810	1-1022830	0837438	1165	9162462	23
38	3978244	2665	6025198	3913660	1-1022396	0838589	1167	9161297	22
39	3978268	2664	6023422	3912510	1-1021961	0839740	1167	9160130	21
40	3978292	2664	6021646	3911360	1-1021526	0840891	1168	9158963	20
41	3978316	2664	6019870	3910210	1-1021091	0842042	1169	9157795	19
42	3978340	2663	6018094	3909060	1-1020656	0843193	1170	9156628	18
43	3978364	2663	6016318	3907910	1-1020220	0844344	1170	9155461	17
44	3978388	2663	6014542	3906760	1-1019784	0845495	1171	9154294	16
45	3978412	2662	6012766	3905610	1-1019348	0846646	1172	9153126	15
46	3978436	2662	6010990	3904460	1-1018912	0847797	1173	9151958	14
47	3978460	2662	6009214	3903310	1-1018476	0848948	1173	9150790	13
48	3978484	2661	6007438	3902160	1-1018040	0850099	1175	9149622	12
49	3978508	2661	6005662	3901010	1-1017603	0851250	1175	9148454	11
50	3978532	2661	6003886	3899860	1-1017166	0852401	1175	9147286	10
51	3978556	2660	6002110	3898710	1-1016729	0853552	1177	9146118	9
52	3978580	2660	6000334	3897560	1-1016292	0854703	1177	9144950	8
53	3978604	2660	5998558	3896410	1-1015855	0855854	1178	9143782	7
54	3978628	2660	5996782	3895260	1-1015418	0857005	1179	9142614	6
55	3978652	2660	5995006	3894110	1-1014980	0858156	1180	9141446	5
56	3978676	2660	5993230	3892960	1-1014543	0859307	1180	9140278	4
57	3978700	2660	5991454	3891810	1-1014105	0860458	1182	9139110	3
58	3978724	2660	5989678	3890660	1-1013668	0861609	1182	9137942	2
59	3978748	2660	5987902	3889510	1-1013230	0862760	1182	9136774	1
60	3978772	2660	5986126	3888360	1-1012792	0863911	1182	9135606	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

24 Deg.

°	Sine	Dif.	Covers.	Chord	Co-chord	Vers.	Dif.	Cosine	'
0	4067306	2058	5933034	4158234	10857790	0504545	1194	9135455	60
1	40 00' 4	2057	5933036	4158236	10858041	0504722	1194	9135471	59
2	407 2681	2056	5933038	4158238	10858292	0504899	1195	9135487	58
3	407 5337	2056	5933040	4158240	10858543	0505076	1195	9135503	57
4	407 7993	2056	5933042	4158242	10858794	0505253	1196	9135519	56
5	408 0649	2056	5933044	4158244	10859045	0505430	1197	9135535	55
6	408 3305	2055	5933046	4158246	10859296	0505607	1198	9135551	54
7	408 5960	2055	5933048	4158248	10859547	0505784	1199	9135567	53
8	408 8616	2054	5933050	4158250	10859798	0505961	1200	9135583	52
9	409 1271	2054	5933052	4158252	10860049	0506138	1201	9135599	51
10	409 3927	2054	5933054	4158254	10860300	0506315	1202	9135615	50
11	409 6582	2053	5933056	4158256	10860551	0506492	1203	9135631	49
12	409 9238	2053	5933058	4158258	10860802	0506669	1204	9135647	48
13	410 1893	2053	5933060	4158260	10861053	0506846	1205	9135663	47
14	410 4549	2053	5933062	4158262	10861304	0507023	1206	9135679	46
15	410 7204	2053	5933064	4158264	10861555	0507200	1207	9135695	45
16	410 9860	2052	5933066	4158266	10861806	0507377	1208	9135711	44
17	411 2515	2052	5933068	4158268	10862057	0507554	1209	9135727	43
18	411 5171	2052	5933070	4158270	10862308	0507731	1210	9135743	42
19	411 7826	2052	5933072	4158272	10862559	0507908	1211	9135759	41
20	412 0482	2051	5933074	4158274	10862810	0508085	1212	9135775	40
21	412 3137	2051	5933076	4158276	10863061	0508262	1213	9135791	39
22	412 5793	2050	5933078	4158278	10863312	0508439	1214	9135807	38
23	412 8448	2050	5933080	4158280	10863563	0508616	1215	9135823	37
24	413 1104	2049	5933082	4158282	10863814	0508793	1216	9135839	36
25	413 3759	2049	5933084	4158284	10864065	0508970	1217	9135855	35
26	413 6415	2048	5933086	4158286	10864316	0509147	1218	9135871	34
27	413 9070	2048	5933088	4158288	10864567	0509324	1219	9135887	33
28	414 1726	2047	5933090	4158290	10864818	0509501	1220	9135903	32
29	414 4381	2047	5933092	4158292	10865069	0509678	1221	9135919	31
30	414 7037	2046	5933094	4158294	10865320	0509855	1222	9135935	30
31	414 9692	2046	5933096	4158296	10865571	0510032	1223	9135951	29
32	415 2348	2045	5933098	4158298	10865822	0510209	1224	9135967	28
33	415 5003	2045	5933100	4158300	10866073	0510386	1225	9135983	27
34	415 7659	2044	5933102	4158302	10866324	0510563	1226	9136000	26
35	416 0314	2044	5933104	4158304	10866575	0510740	1227	9136016	25
36	416 2970	2043	5933106	4158306	10866826	0510917	1228	9136032	24
37	416 5625	2043	5933108	4158308	10867077	0511094	1229	9136048	23
38	416 8281	2042	5933110	4158310	10867328	0511271	1230	9136064	22
39	417 0936	2042	5933112	4158312	10867579	0511448	1231	9136080	21
40	417 3592	2041	5933114	4158314	10867830	0511625	1232	9136096	20
41	417 6247	2041	5933116	4158316	10868081	0511802	1233	9136112	19
42	417 8903	2040	5933118	4158318	10868332	0511979	1234	9136128	18
43	418 1558	2040	5933120	4158320	10868583	0512156	1235	9136144	17
44	418 4214	2039	5933122	4158322	10868834	0512333	1236	9136160	16
45	418 6869	2039	5933124	4158324	10869085	0512510	1237	9136176	15
46	418 9525	2038	5933126	4158326	10869336	0512687	1238	9136192	14
47	419 2180	2038	5933128	4158328	10869587	0512864	1239	9136208	13
48	419 4836	2037	5933130	4158330	10869838	0513041	1240	9136224	12
49	419 7491	2037	5933132	4158332	10870089	0513218	1241	9136240	11
50	419 9847	2036	5933134	4158334	10870340	0513395	1242	9136256	10
51	420 2502	2036	5933136	4158336	10870591	0513572	1243	9136272	9
52	420 5158	2035	5933138	4158338	10870842	0513749	1244	9136288	8
53	420 7813	2035	5933140	4158340	10871093	0513926	1245	9136304	7
54	421 0469	2034	5933142	4158342	10871344	0514103	1246	9136320	6
55	421 3124	2034	5933144	4158344	10871595	0514280	1247	9136336	5
56	421 5780	2033	5933146	4158346	10871846	0514457	1248	9136352	4
57	421 8435	2033	5933148	4158348	10872097	0514634	1249	9136368	3
58	422 1091	2032	5933150	4158350	10872348	0514811	1250	9136384	2
59	422 3746	2032	5933152	4158352	10872599	0514988	1251	9136400	1
60	422 6402	2031	5933154	4158354	10872850	0515165	1252	9136416	0
°	Cosine	Dif.	Vers.	Co-chord	Chord	Covers.	Dif.	Sine	'

NATURAL SINES, COSINES, CHORDS, &c.

25 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	4226183	2626	5775817	4325702	1-0745002	0036022	1250	0030078	60
1	4226180	2626	5771181	4331632	1-0743539	0035152	1250	0031848	59
2	4226155	2635	5768545	4334472	1-0741080	0033382	1232	0033618	58
3	4226160	2635	5765010	4337312	1-0738632	0031614	1232	0035388	57
4	4226175	2635	5761375	4340152	1-0736173	0029846	1232	0037158	56
5	4226160	2634	5757640	4342991	1-0733723	0028078	1234	0038922	55
6	4226194	2634	5754003	4345830	1-0731268	0026312	1234	0040688	54
7	4226228	2634	5750362	4348669	1-0728813	0024546	1235	0042454	53
8	4226262	2633	5746723	4351503	1-0726358	0022781	1236	0044219	52
9	4226295	2633	5743085	4354347	1-0723903	0021017	1237	0045983	51
10	4226328	2633	5739447	4357186	1-0721448	0019254	1237	0047746	50
11	4226361	2632	5735809	4360025	1-0718992	0017491	1238	0049509	49
12	4226395	2632	5732170	4362864	1-0716536	0015729	1239	0051271	48
13	4226428	2631	5728532	4365703	1-0714080	0013968	1240	0053032	47
14	4226460	2631	5724894	4368542	1-0711624	0012208	1241	0054792	46
15	4226493	2631	5721256	4371381	1-0709167	0010449	1241	0056551	45
16	4226526	2631	5717618	4374220	1-0706710	0008690	1242	0058310	44
17	4226559	2630	5713979	4377058	1-0704253	0006932	1243	0060068	43
18	4226592	2629	5710341	4379898	1-0701798	0005175	1243	0061825	42
19	4226625	2629	5706702	4382734	1-0699343	0003418	1244	0063582	41
20	4226658	2629	5703062	4385572	1-0696880	0001662	1245	0065338	40
21	4226691	2629	5699423	4388410	1-0694422	0000007	1246	0067093	39
22	4226725	2628	5695785	4391248	1-0691964	0000153	1247	0068847	38
23	4226758	2628	5692147	4394086	1-0689505	0000300	1247	0070600	37
24	4226791	2628	5688509	4396924	1-0687046	0000447	1248	0072353	36
25	4226824	2627	5684871	4399762	1-0684588	0000595	1249	0074105	35
26	4226857	2627	5681233	4402600	1-0682130	0000744	1250	0075858	34
27	4226890	2626	5677595	4405437	1-0679670	0000894	1250	0077610	33
28	4226923	2626	5673957	4408274	1-0677210	0001044	1251	0079362	32
29	4226956	2626	5670319	4411111	1-0674750	0001195	1252	0081115	31
30	4226989	2625	5666681	4413948	1-0672290	0001347	1253	0082868	30
31	4227022	2625	5663043	4416785	1-0669830	0001498	1253	0084620	29
32	4227055	2625	5659405	4419622	1-0667370	0001650	1255	0086373	28
33	4227088	2624	5655767	4422459	1-0664910	0001802	1254	0088125	27
34	4227121	2624	5652129	4425296	1-0662451	0001954	1256	0089878	26
35	4227154	2623	5648491	4428133	1-0660000	0002106	1257	0091630	25
36	4227187	2623	5644853	4430970	1-0657540	0002258	1257	0093382	24
37	4227220	2623	5641215	4433808	1-0655080	0002410	1258	0095135	23
38	4227253	2623	5637577	4436645	1-0652620	0002562	1259	0096888	22
39	4227286	2622	5633939	4439482	1-0650160	0002714	1259	0098640	21
40	4227319	2622	5630301	4442319	1-0647700	0002866	1261	0100392	20
41	4227352	2621	5626663	4445156	1-0645240	0003018	1261	0102145	19
42	4227385	2621	5623025	4447993	1-0642780	0003170	1262	0103898	18
43	4227418	2620	5619387	4450830	1-0640320	0003322	1262	0105650	17
44	4227451	2620	5615749	4453667	1-0637860	0003474	1264	0107403	16
45	4227484	2619	5612111	4456504	1-0635400	0003626	1264	0109155	15
46	4227517	2620	5608473	4459341	1-0632940	0003778	1265	0110908	14
47	4227550	2619	5604835	4462178	1-0630480	0003930	1265	0112660	13
48	4227583	2619	5601197	4465015	1-0628020	0004082	1267	0114413	12
49	4227616	2618	5597559	4467852	1-0625560	0004234	1267	0116165	11
50	4227649	2618	5593921	4470689	1-0623100	0004386	1268	0117918	10
51	4227682	2618	5590283	4473526	1-0620640	0004538	1269	0119670	9
52	4227715	2617	5586645	4476363	1-0618180	0004690	1270	0121423	8
53	4227748	2617	5583007	4479200	1-0615720	0004842	1270	0123175	7
54	4227781	2616	5579369	4482037	1-0613260	0004994	1271	0124928	6
55	4227814	2617	5575731	4484874	1-0610800	0005146	1272	0126680	5
56	4227847	2615	5572093	4487711	1-0608340	0005298	1272	0128433	4
57	4227880	2616	5568455	4490548	1-0605880	0005450	1274	0130185	3
58	4227913	2615	5564817	4493385	1-0603420	0005602	1274	0131938	2
59	4227946	2614	5561179	4496222	1-0600960	0005754	1275	0133690	1
60	4227979	2614	5557541	4499059	1-0598500	0005906	1275	0135443	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

26 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	4783711	2616	5612258	4479002	10693386	1012060	1276	8987940	60
1	4784026	2614	5613674	4501856	10695919	1013315	1276	8987465	59
2	4784340	2613	5615090	4524690	10698452	1014571	1277	8986989	58
3	4784653	2613	5616507	4547504	10700984	1015826	1278	8986512	57
4	4784966	2611	5617923	4570298	10703515	1017081	1279	8986035	56
5	4785279	2613	5619339	4593082	10706048	1018345	1279	8985558	55
6	4785592	2615	5620755	4615856	10708580	1019609	1280	8985081	54
7	4785904	2611	5622171	4638630	10711112	1020874	1281	8984604	53
8	4786217	2611	5623587	4661404	10713644	1022138	1281	8984127	52
9	4786529	2611	5625003	4684178	10716176	1023402	1282	8983650	51
10	4786842	2610	5626419	4706952	10718708	1024666	1283	8983173	50
11	4787154	2611	5627835	4729726	10721240	1025930	1284	8982696	49
12	4787467	2609	5629251	4752500	10723772	1027194	1285	8982219	48
13	4787779	2610	5630667	4775274	10726304	1028458	1285	8981742	47
14	4788092	2609	5632083	4798048	10728836	1029722	1286	8981265	46
15	4788404	2609	5633499	4820822	10731368	1030986	1287	8980788	45
16	4788717	2608	5634915	4843596	10733900	1032250	1287	8980311	44
17	4789029	2608	5636331	4866370	10736432	1033514	1289	8979834	43
18	4789342	2607	5637747	4889144	10738964	1034778	1290	8979357	42
19	4789654	2608	5639163	4911918	10741496	1036042	1290	8978880	41
20	4789967	2607	5640579	4934692	10744028	1037306	1291	8978403	40
21	4790279	2606	5641995	4957466	10746560	1038570	1291	8977926	39
22	4790592	2606	5643411	4980240	10749092	1039834	1291	8977449	38
23	4790904	2606	5644827	5003014	10751624	1041098	1292	8976972	37
24	4791217	2605	5646243	5025788	10754156	1042362	1292	8976495	36
25	4791529	2605	5647659	5048562	10756688	1043626	1293	8976018	35
26	4791842	2605	5649075	5071336	10759220	1044890	1293	8975541	34
27	4792154	2604	5650491	5094110	10761752	1046154	1294	8975064	33
28	4792467	2604	5651907	5116884	10764284	1047418	1294	8974587	32
29	4792779	2603	5653323	5139658	10766816	1048682	1295	8974110	31
30	4793092	2603	5654739	5162432	10769348	1049946	1295	8973633	30
31	4793404	2603	5656155	5185206	10771880	1051210	1296	8973156	29
32	4793717	2602	5657571	5207980	10774412	1052474	1296	8972679	28
33	4794029	2602	5658987	5230754	10776944	1053738	1297	8972202	27
34	4794342	2601	5660403	5253528	10779476	1054992	1297	8971725	26
35	4794654	2601	5661819	5276302	10782008	1056256	1298	8971248	25
36	4794967	2601	5663235	5299076	10784540	1057520	1298	8970771	24
37	4795279	2601	5664651	5321850	10787072	1058784	1299	8970294	23
38	4795592	2600	5666067	5344624	10789604	1060048	1299	8969817	22
39	4795904	2600	5667483	5367398	10792136	1061312	1300	8969340	21
40	4796217	2599	5668899	5390172	10794668	1062576	1300	8968863	20
41	4796529	2599	5670315	5412946	10797200	1063840	1301	8968386	19
42	4796842	2599	5671731	5435720	10800000	1065104	1301	8967909	18
43	4797154	2599	5673147	5458494	10802532	1066368	1302	8967432	17
44	4797467	2599	5674563	5481268	10805064	1067632	1302	8966955	16
45	4797779	2599	5675979	5504042	10807596	1068896	1303	8966478	15
46	4798092	2598	5677395	5526816	10810128	1070160	1303	8966001	14
47	4798404	2598	5678811	5549590	10812660	1071424	1304	8965524	13
48	4798717	2598	5680227	5572364	10815192	1072688	1304	8965047	12
49	4799029	2598	5681643	5595138	10817724	1073952	1305	8964570	11
50	4799342	2598	5683059	5617912	10820256	1075216	1305	8964093	10
51	4799654	2598	5684475	5640686	10822788	1076480	1306	8963616	9
52	4799967	2598	5685891	5663460	10825320	1077744	1306	8963139	8
53	4800279	2598	5687307	5686234	10827852	1079008	1307	8962662	7
54	4800592	2598	5688723	5709008	10830384	1080272	1307	8962185	6
55	4800904	2598	5690139	5731782	10832916	1081536	1308	8961708	5
56	4801217	2598	5691555	5754556	10835448	1082800	1308	8961231	4
57	4801529	2598	5692971	5777330	10837980	1084064	1309	8960754	3
58	4801842	2598	5694387	5800104	10840512	1085328	1309	8960277	2
59	4802154	2598	5695803	5822878	10843044	1086592	1310	8959800	1
60	4802467	2598	5697219	5845652	10845576	1087856	1310	8959323	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

27 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vert.	Diff.	Cosine	
0	457005	2592	540005	408208	1-0410072	1050035	1321	8910065	60
1	457197	2591	545703	4071738	1-0414791	1031256	1321	8908714	59
2	457383	2591	5454012	4074504	1-0415010	1092577	1323	8907423	58
3	457570	2590	5452321	4077392	1-0415229	1093300	1323	8906100	57
4	457760	2590	5449731	4080220	1-0416049	1095223	1324	8904777	56
5	457952	2590	5447141	4083018	1-0417567	1096547	1325	8903453	55
6	458149	2589	5444551	4085870	1-0418566	1097872	1325	8902128	54
7	458343	2589	5441982	4088704	1-0419201	1099197	1327	8900803	53
8	458537	2589	5439373	4091532	1-0419812	1100524	1327	8899478	52
9	4587316	2588	5436784	4094360	1-0420400	1101851	1327	8898149	51
10	4589261	2588	5434196	4097189	1-0421158	1103178	1329	8896822	50
11	4591222	2587	5431608	4700015	1-0422575	1104507	1330	8895493	49
12	4593179	2587	5429021	4702842	1-0423102	1105836	1330	8894164	48
13	4595146	2587	5426434	4705669	1-0417709	1107166	1331	8892834	47
14	4597113	2586	5423847	4708496	1-0415228	1108497	1332	8891503	46
15	4599079	2586	5421261	4711323	1-0412743	1109829	1332	8890171	45
16	4601046	2585	5418676	4714150	1-0410260	1111161	1333	8888839	44
17	4603010	2585	5416090	4716977	1-0407776	1112494	1334	8887506	43
18	4604976	2584	5413504	4719804	1-0405292	1113828	1334	8886172	42
19	4606940	2585	5410920	4722631	1-0402807	1115162	1335	8884838	41
20	4608905	2583	5408335	4725458	1-0400322	1116497	1337	8883503	40
21	4610873	2581	5405752	4728284	1-0397837	1117834	1336	8882168	39
22	4612842	2583	5403168	4731110	1-0395352	1119170	1338	8880830	38
23	4614811	2583	5400585	4733936	1-0392867	1120508	1338	8879492	37
24	4616780	2582	5398002	4736762	1-0390382	1121846	1339	8878154	36
25	4618750	2582	5395420	4739588	1-0387896	1123185	1340	8876815	35
26	4620722	2582	5392838	4742414	1-0385410	1124525	1341	8875476	34
27	4622694	2581	5390256	4745240	1-0382924	1125866	1341	8874134	33
28	4624667	2581	5387676	4748066	1-0380438	1127207	1342	8872793	32
29	4626640	2580	5385094	4750892	1-0377952	1128549	1343	8871451	31
30	4628614	2580	5382514	4753718	1-0375466	1129892	1343	8870108	30
31	4630589	2580	5379934	4756543	1-0372979	1131235	1345	8868765	29
32	4632564	2579	5377354	4759368	1-0370492	1132578	1345	8867420	28
33	4634540	2579	5374775	4762194	1-0368004	1133925	1345	8866076	27
34	4636516	2578	5372196	4765020	1-0365516	1135270	1347	8864730	26
35	4638492	2578	5369618	4767845	1-0363028	1136617	1347	8863383	25
36	4640469	2578	5367040	4770670	1-0360540	1137964	1349	8862036	24
37	4642446	2577	5364462	4773494	1-0358052	1139312	1349	8860688	23
38	4644423	2577	5361885	4776318	1-0355564	1140661	1350	8859340	22
39	4646400	2577	5359308	4779143	1-0353076	1142011	1350	8857992	21
40	4648377	2576	5356731	4781968	1-0350588	1143361	1351	8856643	20
41	4650354	2576	5354156	4784792	1-0348100	1144712	1352	8855293	19
42	4652331	2576	5351580	4787616	1-0345612	1146064	1352	8853943	18
43	4654308	2575	5349004	4790441	1-0343124	1147416	1354	8852594	17
44	4656285	2574	5346429	4793265	1-0340636	1148770	1354	8851244	16
45	4658262	2574	5343853	4796090	1-0338148	1150124	1354	8849896	15
46	4660239	2574	5341278	4798914	1-0335660	1151478	1356	8848548	14
47	4662216	2573	5338702	4801738	1-0333172	1152834	1356	8847198	13
48	4664193	2573	5336126	4804562	1-0330684	1154190	1357	8845848	12
49	4666170	2573	5333551	4807386	1-0328196	1155547	1358	8844498	11
50	4668147	2572	5330975	4810210	1-0325708	1156905	1359	8843148	10
51	4670124	2572	5328400	4813034	1-0323220	1158264	1359	8841798	9
52	4672101	2571	5325824	4815858	1-0320732	1159622	1360	8840448	8
53	4674078	2571	5323249	4818682	1-0318244	1160983	1361	8839098	7
54	4676055	2571	5320673	4821506	1-0315756	1162344	1361	8837748	6
55	4678032	2570	5318098	4824330	1-0313268	1163705	1362	8836398	5
56	4680009	2570	5315522	4827154	1-0310780	1165067	1364	8835048	4
57	4681986	2569	5312947	4830078	1-0308292	1166431	1363	8833698	3
58	4683963	2569	5310371	4832902	1-0305804	1167794	1365	8832348	2
59	4685940	2569	5307796	4835726	1-0303316	1169159	1365	8830998	1
60	4687917	2569	5305220	4838550	1-0300828	1170524	1365	8829648	0
	Cosine	Diff.	Vert.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

28 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	4604716	2508	5305284	4538428	1-0000000	1170504	1366	8820478	60
1	4607284	2508	5307716	4541260	1-0000000	1171800	1367	8823210	59
2	4609852	2507	5310148	4544082	1-0000000	1173257	1367	8825943	58
3	4612419	2507	5312580	4546904	1-0000000	1174604	1369	8828676	57
4	4614986	2507	5315012	4549726	1-0000000	1175903	1369	8831409	56
5	4617553	2506	5317444	4552548	1-0000000	1177300	1369	8834142	55
6	4 10119	2506	5320083	4555370	1-0000000	1178731	1371	8836875	54
7	4712085	2505	5322715	4558192	1-0000000	1180102	1371	8839608	53
8	4714652	2505	5325347	4561014	1-0000000	1181473	1375	8842341	52
9	4 1 815	2505	5327979	4563836	1-0000000	1182846	1375	8845074	51
10	4717220	2504	5330611	4566658	1-0000000	1184218	1375	8847807	50
11	4722044	2504	5333243	4569480	1-0000000	1185591	1374	8850540	49
12	4724611	2503	5335875	4572302	1-0000000	1186963	1376	8853273	48
13	4727178	2503	5338507	4575124	1-0000000	1188336	1376	8856006	47
14	4729745	2503	5341139	4577946	1-0000000	1189708	1377	8858739	46
15	4732312	2502	5343771	4580768	1-0000000	1191081	1377	8861472	45
16	4734879	2502	5346403	4583590	1-0000000	1192453	1378	8864205	44
17	4 3323 1	2501	5349035	4586412	1-0000000	1193826	1378	8866938	43
18	4737446	2501	5351667	4589234	1-0000000	1195198	1380	8869671	42
19	4740013	2501	5354299	4592056	1-0000000	1196571	1380	8872404	41
20	4742580	2500	5356931	4594878	1-0000000	1197943	1381	8875137	40
21	4745147	2500	5359563	4597700	1-0000000	1199316	1382	8877870	39
22	4747714	2500	5362195	4600522	1-0000000	1200688	1382	8880603	38
23	4 33683	2500	5364827	4603344	1-0000000	1202061	1383	8883336	37
24	4750281	2500	5367459	4606166	1-0000000	1203433	1384	8886069	36
25	4752848	2500	5370091	4608988	1-0000000	1204806	1385	8888802	35
26	4755415	2500	5372723	4611810	1-0000000	1206178	1385	8891535	34
27	4757982	2500	5375355	4614632	1-0000000	1207551	1386	8894268	33
28	4 34032	2500	5377987	4617454	1-0000000	1208923	1387	8897001	32
29	4760549	2500	5380619	4620276	1-0000000	1210296	1388	8899734	31
30	4763116	2500	5383251	4623098	1-0000000	1211668	1388	8902467	30
31	4765683	2500	5385883	4625920	1-0000000	1213041	1389	8905200	29
32	4768250	2500	5388515	4628742	1-0000000	1214413	1390	8907933	28
33	4770817	2500	5391147	4631564	1-0000000	1215786	1391	8910666	27
34	4773384	2500	5393779	4634386	1-0000000	1217158	1391	8913399	26
35	4 34381	2500	5396411	4637208	1-0000000	1218531	1392	8916132	25
36	4775951	2500	5399043	4640030	1-0000000	1219903	1393	8918865	24
37	4778518	2500	5401675	4642852	1-0000000	1221276	1394	8921598	23
38	4781085	2500	5404307	4645674	1-0000000	1222648	1394	8924331	22
39	4783652	2500	5406939	4648496	1-0000000	1224021	1395	8927064	21
40	4 34830	2500	5409571	4651318	1-0000000	1225393	1396	8929797	20
41	4786219	2500	5412203	4654140	1-0000000	1226766	1396	8932530	19
42	4788786	2500	5414835	4656962	1-0000000	1228138	1398	8935263	18
43	4791353	2500	5417467	4659784	1-0000000	1229511	1398	8938000	17
44	4793920	2500	5420099	4662606	1-0000000	1230883	1399	8940733	16
45	4796487	2500	5422731	4665428	1-0000000	1232256	1400	8943466	15
46	4799054	2500	5425363	4668250	1-0000000	1233628	1400	8946200	14
47	4801621	2500	5427995	4671072	1-0000000	1234999	1401	8948933	13
48	4804188	2500	5430627	4673894	1-0000000	1236372	1402	8951666	12
49	4806755	2500	5433259	4676716	1-0000000	1237744	1402	8954400	11
50	4809322	2500	5435891	4679538	1-0000000	1239116	1403	8957133	10
51	4811889	2500	5438523	4682360	1-0000000	1240489	1404	8959866	9
52	4814456	2500	5441155	4685182	1-0000000	1241861	1404	8962600	8
53	4817023	2500	5443787	4688004	1-0000000	1243234	1405	8965333	7
54	4819590	2500	5446419	4690826	1-0000000	1244606	1406	8968066	6
55	4822157	2500	5449051	4693648	1-0000000	1245979	1407	8970800	5
56	4824724	2500	5451683	4696470	1-0000000	1247351	1407	8973533	4
57	4827291	2500	5454315	4699292	1-0000000	1248724	1408	8976266	3
58	4829858	2500	5456947	4702114	1-0000000	1250096	1409	8979000	2
59	4832425	2500	5459579	4704936	1-0000000	1251469	1410	8981733	1
60	4834992	2500	5462211	4707758	1-0000000	1252841	1410	8984466	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

20 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	4948000	2544	5151904	5007600	1-0160763	1255803	1411	8746197	60
1	4950410	2544	5149560	5010416	1-0148261	1255214	1411	8744788	59
2	4952814	2543	5146166	5013232	1-0145754	1254625	1412	8743379	58
3	4955217	2543	5142773	5016048	1-0143247	1254037	1412	8741969	57
4	4957620	2543	5141730	5018864	1-0140740	1253450	1413	8740550	56
5	4960012	2542	5139188	5021680	1-0138233	1252862	1415	8739137	55
6	4-03354	2541	5136744	5024496	1-0135726	1252278	1415	8737722	54
7	4965495	2541	5134105	5027311	1-0133218	1251693	1416	8736307	53
8	4967899	2541	5131561	5030126	1-0130710	1251109	1416	8734891	52
9	4970297	2540	5129023	5032942	1-0128201	1250525	1417	8733475	51
10	4972617	2540	5126483	5035758	1-0125692	1249940	1418	8732058	50
11	4974967	2540	5123943	5038573	1-0123184	1249356	1419	8730640	49
12	4977347	2539	5121403	5041388	1-0120676	1248770	1420	8729221	48
13	4979716	2538	5118864	5044202	1-0118168	1248185	1420	8727801	47
14	4982074	2538	5116326	5047016	1-0115659	1247601	1421	8726381	46
15	4984432	2538	5113788	5049831	1-0113147	1247016	1422	8724960	45
16	4986790	2538	5111250	5052646	1-0110638	1246432	1422	8723538	44
17	4989148	2537	5108712	5055460	1-0108129	1245848	1423	8722116	43
18	4991505	2537	5106175	5058274	1-0105619	1245263	1424	8720693	42
19	4993861	2536	5103639	5061089	1-0103107	1244678	1425	8719269	41
20	4996217	2536	5101103	5063904	1-0100596	1244093	1425	8717844	40
21	4998573	2535	5098567	5066718	1-0098085	1243508	1426	8716419	39
22	5000929	2535	5096032	5069532	1-0095574	1242923	1427	8714993	38
23	5003285	2535	5093497	5072345	1-0093062	1242338	1428	8713568	37
24	5005641	2534	5090962	5075158	1-0090552	1241753	1428	8712142	36
25	5007997	2533	5088428	5077972	1-0088041	1241168	1429	8710716	35
26	5010353	2533	5085893	5080786	1-0085530	1240583	1430	8709291	34
27	5012709	2533	5083358	5083599	1-0083017	1240000	1431	8707865	33
28	5015065	2533	5080823	5086412	1-0080505	1239415	1431	8706439	32
29	5017421	2532	5078288	5089225	1-0077992	1238830	1432	8705013	31
30	5019777	2531	5075753	5092038	1-0075480	1238245	1433	8703587	30
31	5022133	2531	5073218	5094851	1-0072967	1237660	1433	8702161	29
32	5024489	2531	5070683	5097664	1-0070454	1237075	1435	8700735	28
33	5026845	2530	5068148	5100477	1-0067941	1236490	1435	8699309	27
34	5029201	2530	5065613	5103290	1-0065428	1235905	1435	8697883	26
35	5031557	2530	5063078	5106103	1-0062915	1235320	1437	8696457	25
36	5033913	2529	5060543	5108916	1-0060403	1234735	1437	8695031	24
37	5036269	2528	5058008	5111728	1-0057890	1234150	1438	8693605	23
38	5038625	2528	5055473	5114541	1-0055377	1233565	1438	8692179	22
39	5040981	2527	5052938	5117354	1-0052865	1232980	1439	8690753	21
40	5043337	2527	5050403	5120167	1-0050352	1232395	1440	8689327	20
41	5045693	2527	5047868	5122979	1-0047840	1231810	1441	8687901	19
42	5048049	2526	5045333	5125792	1-0045327	1231225	1441	8686475	18
43	5050405	2526	5042798	5128605	1-0042815	1230640	1443	8685049	17
44	5052761	2526	5040263	5131418	1-0040302	1230055	1443	8683623	16
45	5055117	2525	5037728	5134231	1-0037790	1229470	1444	8682197	15
46	5057473	2525	5035193	5137044	1-0035277	1228885	1444	8680771	14
47	5059829	2525	5032658	5139857	1-0032765	1228300	1445	8679345	13
48	5062185	2524	5030123	5142670	1-0030252	1227715	1446	8677919	12
49	5064541	2523	5027588	5145483	1-0027740	1227130	1447	8676493	11
50	5066897	2523	5025053	5148296	1-0025227	1226545	1448	8675067	10
51	5069253	2522	5022518	5151109	1-0022715	1225960	1448	8673641	9
52	5071609	2522	5020000	5153922	1-0020202	1225375	1449	8672215	8
53	5073965	2521	5017465	5156735	1-0017690	1224790	1450	8670789	7
54	5076321	2521	5014930	5159548	1-0015177	1224205	1450	8669363	6
55	5078677	2521	5012395	5162361	1-0012665	1223620	1451	8667937	5
56	5081033	2521	5009860	5165174	1-0010152	1223035	1452	8666511	4
57	5083389	2520	5007325	5167987	1-0007640	1222450	1453	8665085	3
58	5085745	2520	5004790	5170800	1-0005127	1221865	1453	8663659	2
59	5088101	2519	5002255	5173613	1-0002615	1221280	1454	8662233	1
60	5090457	2519	5000000	5176426	1-0000102	1220695	1454	8660807	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

20 Deg.

	Sine	Diff	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	5000000	2519	5000000	5176380	1-0000000	1330748	1455	5000000	60
1	5002519	2519	4997481	5179190	9997481	1341201	1455	805890	59
2	5005037	2519	4994963	5182000	9994963	1351654	1457	8057344	58
3	5007556	2517	4992444	5184810	9992444	1362107	1457	8055787	57
4	5010071	2518	4989927	5187620	9989927	1372560	1457	8054230	56
5	5012591	2518	4987409	5190430	9987409	1383013	1459	8052673	55
6	5015107	2517	4984893	5193240	9984893	1393466	1459	8051114	54
7	5017624	2518	4982376	5196041	9982376	1403919	1460	8049555	53
8	5020140	2518	4979860	5198850	9979860	1414372	1460	8048000	52
9	5022655	2518	4977345	5201660	9977345	1424825	1461	8046443	51
10	5025170	2518	4974830	5204474	9974830	1435277	1463	8044887	50
11	5027685	2514	4972313	5207282	9972313	1445730	1463	8043331	49
12	5030200	2514	4969801	5210090	9969801	1456183	1464	8041774	48
13	5032715	2514	4967287	5212903	9967287	1466636	1464	8040218	47
14	5035230	2513	4964773	5215715	9964773	1477089	1465	8038661	46
15	5037745	2513	4962260	5218528	9962260	1487542	1468	8037105	45
16	5040260	2513	4959745	5221340	9959745	1497995	1468	8035548	44
17	5042775	2513	4957235	5224151	9957235	1508448	1467	8033991	43
18	5045290	2513	4954724	5226962	9954724	1518901	1468	8032434	42
19	5047805	2510	4952213	5229774	9952213	1529354	1469	8030877	41
20	5050320	2511	4949701	5232585	9949701	1539807	1470	8029320	40
21	5052835	2510	4947191	5235396	9947191	1550260	1470	8027763	39
22	5055350	2509	4944681	5238207	9944681	1560713	1471	8026206	38
23	5057865	2509	4942171	5241018	9942171	1571166	1471	8024649	37
24	5060380	2508	4939662	5243829	9939662	1581619	1473	8023092	36
25	5062895	2509	4937154	5246640	9937154	1592072	1473	8021535	35
26	5065410	2508	4934644	5249451	9934644	1602525	1474	8019978	34
27	5067925	2507	4932137	5252262	9932137	1612978	1474	8018421	33
28	5070440	2507	4929630	5255073	9929630	1623431	1476	8016864	32
29	5072955	2507	4927122	5257884	9927122	1633884	1476	8015307	31
30	5075470	2506	4924615	5260695	9924615	1644337	1477	8013750	30
31	5077985	2506	4922107	5263506	9922107	1654790	1478	8012193	29
32	5080500	2506	4919600	5266317	9919600	1665243	1478	8010636	28
33	5083015	2506	4917093	5269128	9917093	1675696	1479	8009079	27
34	5085530	2504	4914586	5271939	9914586	1686149	1481	8007522	26
35	5088045	2504	4912079	5274750	9912079	1696602	1481	8005965	25
36	5090560	2504	4909572	5277561	9909572	1707055	1482	8004408	24
37	5093075	2503	4907065	5280372	9907065	1717508	1482	8002851	23
38	5095590	2503	4904558	5283183	9904558	1727961	1483	8001294	22
39	5098105	2503	4902051	5285994	9902051	1738414	1483	7999737	21
40	5100620	2503	4899544	5288805	9899544	1748867	1484	7998180	20
41	5103135	2501	4897037	5291616	9897037	1759320	1484	7996623	19
42	5105650	2501	4894530	5294427	9894530	1769773	1485	7995066	18
43	5108165	2501	4892023	5297238	9892023	1780226	1485	7993509	17
44	5110680	2500	4889516	5300049	9889516	1790679	1487	7991952	16
45	5113195	2500	4887009	5302860	9887009	1801132	1487	7990395	15
46	5115710	2499	4884502	5305671	9884502	1811585	1488	7988838	14
47	5118225	2499	4882000	5308482	9882000	1822038	1489	7987281	13
48	5120740	2498	4879493	5311293	9879493	1832491	1490	7985724	12
49	5123255	2498	4877000	5314104	9877000	1842944	1490	7984167	11
50	5125770	2498	4874507	5316915	9874507	1853397	1492	7982610	10
51	5128285	2497	4872000	5319726	9872000	1863850	1492	7981053	9
52	5130800	2496	4869500	5322537	9869500	1874303	1492	7979496	8
53	5133315	2496	4867000	5325348	9867000	1884756	1494	7977939	7
54	5135830	2496	4864500	5328159	9864500	1895209	1494	7976382	6
55	5138345	2496	4862000	5330970	9862000	1905662	1496	7974825	5
56	5140860	2496	4859500	5333781	9859500	1916115	1496	7973268	4
57	5143375	2494	4857000	5336592	9857000	1926568	1496	7971711	3
58	5145890	2494	4854500	5339403	9854500	1937021	1497	7970154	2
59	5148405	2494	4852000	5342214	9852000	1947474	1498	7968597	1
60	5150920	2494	4849500	5345025	9849500	1957927	1498	7967040	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

31 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	5150331	2193	4849610	8314768	9818472	1428327	1499	8571073	60
1	5152574	2193	4847120	8317571	9815040	1429520	1499	8570174	59
2	5154877	2192	4844633	8320374	9811608	1431325	1500	8569275	58
3	5157249	2192	4842141	8323178	9808175	1433225	1501	8568376	57
4	5159681	2191	4839649	8325978	9804742	1435126	1501	8567477	56
5	5162182	2191	4837158	8328781	9801309	1437027	1502	8566578	55
6	5164733	2191	4834667	8331584	9797876	1438929	1503	8565679	54
7	5167324	2190	4832176	8334386	9794443	1440832	1504	8564780	53
8	5169934	2190	4829685	8337189	9791010	1442736	1504	8563881	52
9	5172561	2189	4827194	8339990	9787577	1444640	1505	8562982	51
10	5175203	2189	4824703	8342792	9784144	1446545	1506	8562083	50
11	5177852	2188	4822212	8345594	9780711	1448450	1506	8561184	49
12	5180520	2188	4819720	8348396	9777278	1450355	1507	8560285	48
13	5183208	2187	4817229	8351198	9773845	1452260	1507	8559386	47
14	5185916	2187	4814738	8354000	9770412	1454165	1508	8558487	46
15	5188643	2186	4812247	8356802	9766979	1456070	1508	8557588	45
16	5191389	2186	4809756	8359604	9763546	1457975	1509	8556689	44
17	5194154	2185	4807265	8362406	9760113	1459880	1509	8555790	43
18	5196938	2185	4804774	8365208	9756680	1461785	1510	8554891	42
19	5199741	2184	4802283	8368010	9753247	1463690	1510	8553992	41
20	5202563	2184	4799792	8370812	9749814	1465595	1511	8553093	40
21	5205405	2183	4797301	8373614	9746381	1467500	1511	8552194	39
22	5208266	2183	4794810	8376416	9742948	1469405	1512	8551295	38
23	5211146	2182	4792319	8379218	9739515	1471310	1512	8550396	37
24	5214045	2182	4789828	8382020	9736082	1473215	1513	8549497	36
25	5216963	2181	4787337	8384822	9732649	1475120	1513	8548598	35
26	5219900	2181	4784846	8387624	9729216	1477025	1514	8547699	34
27	5222856	2180	4782355	8390426	9725783	1478930	1514	8546800	33
28	5225831	2180	4779864	8393228	9722350	1480835	1515	8545901	32
29	5228825	2179	4777373	8396030	9718917	1482740	1515	8545002	31
30	5231838	2179	4774882	8398832	9715484	1484645	1516	8544103	30
31	5234869	2178	4772391	8401634	9712051	1486550	1516	8543204	29
32	5237918	2178	4769900	8404436	9708618	1488455	1517	8542305	28
33	5240985	2177	4767409	8407238	9705185	1490360	1517	8541406	27
34	5244070	2177	4764918	8410040	9701752	1492265	1518	8540507	26
35	5247173	2176	4762427	8412842	9698319	1494170	1518	8539608	25
36	5250294	2176	4759936	8415644	9694886	1496075	1519	8538709	24
37	5253433	2175	4757445	8418446	9691453	1497980	1519	8537810	23
38	5256590	2175	4754954	8421248	9688020	1499885	1520	8536911	22
39	5259765	2174	4752463	8424050	9684587	1501790	1520	8536012	21
40	5262958	2174	4749972	8426852	9681154	1503695	1521	8535113	20
41	5266169	2173	4747481	8429654	9677721	1505600	1521	8534214	19
42	5269398	2173	4744990	8432456	9674288	1507505	1522	8533315	18
43	5272645	2172	4742500	8435258	9670855	1509410	1522	8532416	17
44	5275909	2172	4739999	8438060	9667422	1511315	1523	8531517	16
45	5279190	2171	4737500	8440862	9663989	1513220	1523	8530618	15
46	5282488	2171	4734999	8443664	9660556	1515125	1524	8529719	14
47	5285803	2170	4732500	8446466	9657123	1517030	1524	8528820	13
48	5289135	2170	4729999	8449268	9653690	1518935	1525	8527921	12
49	5292484	2169	4727500	8452070	9650257	1520840	1525	8527022	11
50	5295850	2169	4724999	8454872	9646824	1522745	1526	8526123	10
51	5299233	2168	4722500	8457674	9643391	1524650	1526	8525224	9
52	5302633	2168	4719999	8460476	9639958	1526555	1527	8524325	8
53	5306050	2167	4717500	8463278	9636525	1528460	1527	8523426	7
54	5309484	2167	4714999	8466080	9633092	1530365	1528	8522527	6
55	5312935	2166	4712500	8468882	9629659	1532270	1528	8521628	5
56	5316403	2166	4709999	8471684	9626226	1534175	1529	8520729	4
57	5319887	2165	4707500	8474486	9622793	1536080	1529	8519830	3
58	5323388	2165	4704999	8477288	9619360	1537985	1530	8518931	2
59	5326905	2164	4702500	8480090	9615927	1539890	1530	8518032	1
60	5330438	2164	4700000	8482892	9612494	1541795	1531	8517133	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

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	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	8229183	2466	4700807	6517748	9006192	1519819	1542	8490481	80
1	82016.9	2466	46.341	6515343	90.348	15 1001	1547	84 80.9	59
2	81541.5	2466	469.375	6513310	9091104	157.3003	1544	8477337	58
3	81043.01	2466	46.30409	6511255	9088650	157.4147	1544	8475853	57
4	80527.67	2466	46.00443	6509200	9086014	157.4601	1544	8474309	56
5	80015.21	2466	4658479	6507226	9083460	157.7235	1546	8472765	55
6	8313986	2484	4694014	65 1 22	9080974	1568781	1545	8471219	54
7	83164.0	2463	4683550	6505317	9078378	1550077	1547	8469735	53
8	8318913	2463	4681087	6503312	9075822	1531574	1547	8468250	52
9	8311376	2463	46736 4	65.3 928	90 7386	1533471	1549	8466 73	51
10	83.3539	2462	4670181	6540704	90 0740	1534070	1549	846.030	50
11	8329301	*162	4673029	6543409	9068194	1536619	1549	8463181	49
12	83.2763	2462	4671237	6540794	9065643	1538008	1551	8461933	48
13	83.1224	2461	4668778	6549083	9063161	1537619	1551	8460381	47
14	831.635	2460	4666315	65.1862	9060554	1541176	1552	8458830	46
15	8309145	2460	4663855	6556477	9058007	1542723	1552	8457278	45
16	831.605	2460	4661395	6557472	9055460	1544774	1554	8455726	44
17	8341006	2458	4658935	6559206	90 3912	1545829	1554	8454172	43
18	8341 23	2459	4656477	6560000	9050804	1547382	1554	8452618	42
19	8345 49	2458	4654019	6560804	9047810	1548970	1556	8451064	41
20	8348440	2458	4651560	6560648	9045303	1550493	1566	8449508	40
21	83.0698	24.7	4649102	6571442	9042720	1552048	1557	8447958	39
22	8353358	2457	4646645	6574200	9040173	1553605	1557	8446408	38
23	8353818	2456	4644188	6577070	9037623	1555162	1559	8444858	37
24	8355268	2456	4641 31	6579870	903 0 4	1556721	1559	8443308	36
25	8400724	2455	463876	6582618	90.2524	1558280	1560	8441760	35
26	8363179	2455	4636301	6585403	9079074	1559839	1561	8440211	34
27	83 434	2455	46.4386	6588201	90 7425	1561400	1561	8438660	33
28	8307082	*154	4631011	6590974	90 4976	1562961	1562	8437109	32
29	8 0633	2453	4628553	6593787	90221 6	1564523	1563	8435558	31
30	8072090	2453	46 7004	6596580	90197 6	1566086	1563	8434014	30
31	8378449	2453	4674551	6599373	9017225	1567649	1564	8432461	29
32	8377002	24 3	46 2008	6602160	9014674	1569212	1564	8430907	28
33	8382354	2453	4619046	6604 8	9012123	1570778	1565	8429352	27
34	8382906	2451	461 194	660750	9009572	1572343	1566	8427797	26
35	8385257	2451	4616743	6610642	9007071	1573900	1567	8426240	25
36	8387708	2450	4712292	6613334	9004470	15 6470	1568	8424684	24
37	8379158	2450	4603842	6616126	9001877	1577044	1568	8423128	23
38	8322608	2450	4607392	6618913	9000068	1578612	1569	8421573	22
39	8300568	2450	4604942	6621710	9 26814	1580181	1570	8419919	21
40	8327507	2448	4602473	6624503	9094267	1581751	1570	8418269	20
41	8309055	2448	4600045	6627293	9091710	1583321	1571	8416670	19
42	840 403	2448	4597597	6630084	9089153	1584892	15 2	8415109	18
43	8404 51	2447	4595147	6632875	9086605	1586464	1573	8413556	17
44	840 278	2447	4592702	6635666	9 54082	1 58037	1573	8411903	16
45	8400745	2446	4590252	6638457	9 81493	1588010	1574	8410350	15
46	8412192	2446	4587809	6641249	9078944	1589584	1575	8408816	14
47	8414 37	2445	4 53393	6644039	95 6331	1591159	1575	84 741	13
48	841 082	2445	4. 2918	6646830	9 3538	1592734	1576	840.000	12
49	8417577	2445	4594475	6649620	95 1253	1604010	1577	8404000	11
50	84 1971	*144	4591829	6652410	9568728	1597487	1577	8402413	10
51	8474415	2444	4575585	6655200	9566174	1599064	1578	8400836	9
52	847669	2443	4573142	6657990	9563620	1600643	1579	8399257	8
53	8472303	2442	4570708	6660780	9561065	1602223	1579	8397678	7
54	8471 41	*143	4568266	6663570	9558510	1603801	1581	8396099	6
55	844157	2441	4565815	6666360	9555955	1605382	1581	8394518	5
56	8476628	2441	4563372	6669150	9 53490	1606963	1582	8392937	4
57	8477009	2441	4560930	6671940	9551444	1608545	1582	8391355	3
58	8441510	*141	4558487	6674730	9548938	1610127	1583	8389773	2
59	84430 1	2439	4 56049	6677520	9546432	1611710	1584	8388190	1
60	8446240		4556010	6680306	9543926	1613294		8386 00	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

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	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	3446330	2440	4553010	5600209	9543170	1613224	1685	8386700	60
1	3448850	2439	4551170	5600005	9540019	1614579	1685	8385121	59
2	3451369	2438	4549321	5600005	9536962	1616164	1686	8383536	58
3	3453877	2438	4547462	5600005	9533905	1618030	1687	8381950	57
4	3456384	2438	4545603	5601402	9530918	1619837	1688	8380363	56
5	3458891	2438	4543744	5602801	9527931	1621925	1688	8378776	55
6	3461400	2438	4541885	5604200	9524944	1623818	1689	8377187	54
7	3463909	2438	4540026	5605600	9521957	1625711	1689	8375598	53
8	3466418	2438	4538167	5607000	9518970	1627604	1691	8374009	52
9	3468927	2438	4536308	5608400	9515983	1629497	1691	8372418	51
10	3471436	2438	4534449	5609800	9512996	1631390	1691	8370827	50
11	3473945	2438	4532590	5611200	9510009	1633283	1693	8369238	49
12	3476454	2438	4530731	5612600	9507022	1635176	1693	8367643	48
13	3478963	2438	4528872	5614000	9504035	1637069	1694	8366050	47
14	3481472	2438	4527013	5615400	9501048	1638962	1694	8364458	46
15	3483981	2438	4525154	5616800	9498061	1640855	1695	8362865	45
16	3486490	2438	4523295	5618200	9495074	1642748	1696	8361273	44
17	3489000	2438	4521436	5619600	9492087	1644641	1696	8359680	43
18	3491509	2438	4519577	5621000	9489100	1646534	1698	8358087	42
19	3494018	2438	4517718	5622400	9486113	1648427	1698	8356495	41
20	3496527	2438	4515859	5623800	9483126	1650320	1699	8354902	40
21	3499036	2438	4514000	5625200	9480139	1652213	1699	8353310	39
22	3501545	2438	4512141	5626600	9477152	1654106	1699	8351717	38
23	3504054	2438	4510282	5628000	9474165	1656000	1699	8350125	37
24	3506563	2438	4508423	5629400	9471178	1657893	1699	8348532	36
25	3509072	2438	4506564	5630800	9468191	1659786	1699	8346940	35
26	3511581	2438	4504705	5632200	9465204	1661679	1699	8345347	34
27	3514090	2438	4502846	5633600	9462217	1663572	1699	8343755	33
28	3516600	2438	4500987	5635000	9459230	1665465	1699	8342162	32
29	3519109	2438	4499128	5636400	9456243	1667358	1699	8340570	31
30	3521618	2438	4497269	5637800	9453256	1669251	1699	8338977	30
31	3524127	2438	4495410	5639200	9450269	1671144	1699	8337385	29
32	3526636	2438	4493551	5640600	9447282	1673037	1699	8335792	28
33	3529145	2438	4491692	5642000	9444295	1674930	1699	8334200	27
34	3531654	2438	4489833	5643400	9441308	1676823	1699	8332607	26
35	3534163	2438	4487974	5644800	9438321	1678716	1699	8331015	25
36	3536672	2438	4486115	5646200	9435334	1680609	1699	8329422	24
37	3539181	2438	4484256	5647600	9432347	1682502	1699	8327830	23
38	3541690	2438	4482397	5649000	9429360	1684395	1699	8326237	22
39	3544200	2438	4480538	5650400	9426373	1686288	1699	8324645	21
40	3546709	2438	4478679	5651800	9423386	1688181	1699	8323052	20
41	3549218	2438	4476820	5653200	9420399	1690074	1699	8321460	19
42	3551727	2438	4474961	5654600	9417412	1691967	1699	8319867	18
43	3554236	2438	4473102	5656000	9414425	1693860	1699	8318275	17
44	3556745	2438	4471243	5657400	9411438	1695753	1699	8316682	16
45	3559254	2438	4469384	5658800	9408451	1697646	1699	8315090	15
46	3561763	2438	4467525	5660200	9405464	1699539	1699	8313497	14
47	3564272	2438	4465666	5661600	9402477	1701432	1699	8311905	13
48	3566781	2438	4463807	5663000	9399490	1703325	1699	8310312	12
49	3569290	2438	4461948	5664400	9396503	1705218	1699	8308720	11
50	3571800	2438	4460089	5665800	9393516	1707111	1699	8307127	10
51	3574309	2438	4458230	5667200	9390529	1709004	1699	8305535	9
52	3576818	2438	4456371	5668600	9387542	1710897	1699	8303942	8
53	3579327	2438	4454512	5670000	9384555	1712790	1699	8302350	7
54	3581836	2438	4452653	5671400	9381568	1714683	1699	8300757	6
55	3584345	2438	4450794	5672800	9378581	1716576	1699	8299165	5
56	3586854	2438	4448935	5674200	9375594	1718469	1699	8297572	4
57	3589363	2438	4447076	5675600	9372607	1720362	1699	8295980	3
58	3591872	2438	4445217	5677000	9369620	1722255	1699	8294387	2
59	3594381	2438	4443358	5678400	9366633	1724148	1699	8292795	1
60	3596890	2438	4441499	5679800	9363646	1726041	1699	8291202	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	5.91929	2411	4408071	6647434	9289433	1700674	1677	8290376	60
1	5.92440	2411	4405660	6647166	9289265	1711251	1678	8289742	60
2	5.92951	2411	4403249	6646898	9289096	1721827	1678	8289111	60
3	5.93462	2411	4400838	6646630	9288927	1732403	1679	8288483	60
4	5.93973	2409	4398427	6646362	9288758	1742978	1680	8287854	60
5	5.94484	2409	4396016	6646094	9288589	1753554	1681	8287224	60
6	5.94995	2408	4393605	6645826	9288420	1764129	1681	8286595	60
7	5.95506	2408	4391194	6645558	9288251	1774704	1682	8285966	60
8	5.96017	2408	4388783	6645290	9288082	1785279	1682	8285337	60
9	5.96528	2407	4386372	6645022	9287913	1795854	1683	8284708	60
10	5.97039	2407	4383961	6644754	9287744	1806429	1683	8284079	60
11	5.97550	2406	4381550	6644486	9287575	1817004	1684	8283450	60
12	5.98061	2406	4379139	6644218	9287406	1827579	1684	8282821	60
13	5.98572	2406	4376728	6643950	9287237	1838154	1685	8282192	60
14	5.99083	2404	4374317	6643682	9287068	1848729	1685	8281563	60
15	5.99594	2404	4371906	6643414	9286899	1859304	1686	8280934	60
16	5.99905	2404	4369495	6643146	9286730	1869879	1686	8280305	60
17	6.00416	2403	4367084	6642878	9286561	1880454	1687	8279676	60
18	6.00927	2403	4364673	6642610	9286392	1891029	1687	8279047	60
19	6.01438	2403	4362262	6642342	9286223	1901604	1688	8278418	60
20	6.01949	2403	4359851	6642074	9286054	1912179	1688	8277789	60
21	6.02460	2402	4357440	6641806	9285885	1922754	1689	8277160	60
22	6.02971	2402	4355029	6641538	9285716	1933329	1689	8276531	60
23	6.03482	2401	4352618	6641270	9285547	1943904	1690	8275902	60
24	6.03993	2401	4350207	6641002	9285378	1954479	1690	8275273	60
25	6.04504	2400	4347796	6640734	9285209	1965054	1691	8274644	60
26	6.05015	2399	4345385	6640466	9285040	1975629	1691	8274015	60
27	6.05526	2399	4342974	6640198	9284871	1986204	1692	8273386	60
28	6.06037	2399	4340563	6639930	9284702	1996779	1692	8272757	60
29	6.06548	2397	4338152	6639662	9284533	2007354	1693	8272128	60
30	6.07059	2397	4335741	6639394	9284364	2017929	1693	8271499	60
31	6.07570	2397	4333330	6639126	9284195	2028504	1694	8270870	60
32	6.08081	2396	4330919	6638858	9284026	2039079	1694	8270241	60
33	6.08592	2396	4328508	6638590	9283857	2049654	1695	8269612	60
34	6.09103	2395	4326097	6638322	9283688	2060229	1695	8268983	60
35	6.09614	2394	4323686	6638054	9283519	2070804	1696	8268354	60
36	6.10125	2394	4321275	6637786	9283350	2081379	1696	8267725	60
37	6.10636	2393	4318864	6637518	9283181	2091954	1697	8267096	60
38	6.11147	2393	4316453	6637250	9283012	2102529	1697	8266467	60
39	6.11658	2392	4314042	6636982	9282843	2113104	1698	8265838	60
40	6.12169	2392	4311631	6636714	9282674	2123679	1698	8265209	60
41	6.12680	2391	4309220	6636446	9282505	2134254	1699	8264580	60
42	6.13191	2391	4306809	6636178	9282336	2144829	1699	8263951	60
43	6.13702	2390	4304398	6635910	9282167	2155404	1700	8263322	60
44	6.14213	2390	4301987	6635642	9282000	2165979	1700	8262693	60
45	6.14724	2389	4299576	6635374	9281831	2176554	1701	8262064	60
46	6.15235	2389	4297165	6635106	9281662	2187129	1701	8261435	60
47	6.15746	2388	4294754	6634838	9281493	2197704	1702	8260806	60
48	6.16257	2388	4292343	6634570	9281324	2208279	1702	8260177	60
49	6.16768	2387	4289932	6634302	9281155	2218854	1703	8259548	60
50	6.17279	2387	4287521	6634034	9280986	2229429	1703	8258919	60
51	6.17790	2386	4285110	6633766	9280817	2240004	1704	8258290	60
52	6.18301	2386	4282699	6633498	9280648	2250579	1704	8257661	60
53	6.18812	2385	4280288	6633230	9280479	2261154	1705	8257032	60
54	6.19323	2385	4277877	6632962	9280310	2271729	1705	8256403	60
55	6.19834	2384	4275466	6632694	9280141	2282304	1706	8255774	60
56	6.20345	2384	4273055	6632426	9279972	2292879	1706	8255145	60
57	6.20856	2383	4270644	6632158	9279803	2303454	1707	8254516	60
58	6.21367	2383	4268233	6631890	9279634	2314029	1707	8253887	60
59	6.21878	2382	4265822	6631622	9279465	2324604	1708	8253258	60
60	6.22389	2382	4263411	6631354	9279296	2335179	1708	8252629	60
61	6.22900	2381	4261000	6631086	9279127	2345754	1709	8251999	60
62	6.23411	2381	4258589	6630818	9278958	2356329	1709	8251370	60
63	6.23922	2380	4256178	6630550	9278789	2366904	1710	8250741	60
64	6.24433	2380	4253767	6630282	9278620	2377479	1710	8250112	60
65	6.24944	2379	4251356	6630014	9278451	2388054	1711	8249483	60
66	6.25455	2379	4248945	6629746	9278282	2398629	1711	8248854	60
67	6.25966	2378	4246534	6629478	9278113	2409204	1712	8248225	60
68	6.26477	2378	4244123	6629210	9277944	2419779	1712	8247596	60
69	6.26988	2377	4241712	6628942	9277775	2430354	1713	8246967	60
70	6.27499	2377	4239301	6628674	9277606	2440929	1713	8246338	60
71	6.28010	2376	4236890	6628406	9277437	2451504	1714	8245709	60
72	6.28521	2376	4234479	6628138	9277268	2462079	1714	8245080	60
73	6.29032	2375	4232068	6627870	9277099	2472654	1715	8244451	60
74	6.29543	2375	4229657	6627602	9276930	2483229	1715	8243822	60
75	6.30054	2374	4227246	6627334	9276761	2493804	1716	8243193	60
76	6.30565	2374	4224835	6627066	9276592	2504379	1716	8242564	60
77	6.31076	2373	4222424	6626798	9276423	2514954	1717	8241935	60
78	6.31587	2373	4220013	6626530	9276254	2525529	1717	8241306	60
79	6.32098	2372	4217602	6626262	9276085	2536104	1718	8240677	60
80	6.32609	2372	4215191	6625994	9275916	2546679	1718	8240048	60
81	6.33120	2371	4212780	6625726	9275747	2557254	1719	8239419	60
82	6.33631	2371	4210369	6625458	9275578	2567829	1719	8238790	60
83	6.34142	2370	4207958	6625190	9275409	2578404	1720	8238161	60
84	6.34653	2370	4205547	6624922	9275240	2588979	1720	8237532	60
85	6.35164	2369	4203136	6624654	9275071	2599554	1721	8236903	60
86	6.35675	2369	4200725	6624386	9274902	2610129	1721	8236274	60
87	6.36186	2368	4198314	6624118	9274733	2620704	1722	8235645	60
88	6.36697	2368	4195903	6623850	9274564	2631279	1722	8235016	60
89	6.37208	2367	4193492	6623582	9274395	2641854	1723	8234387	60
90	6.37719	2367	4191081	6623314	9274226	2652429	1723	8233758	60
91	6.38230	2366	4188670	6623046	9274057	2663004	1724	8233129	60
92	6.38741	2366	4186259	6622778	9273888	2673579	1724	8232500	60
93	6.39252	2365	4183848	6622510	9273719	2684154	1725	8231871	60
94	6.39763	2365	4181437	6622242	9273550	2694729	1725	8231242	60
95	6.40274	2364	4179026	6621974	9273381	2705304	1726	8230613	60
96	6.40785	2364	4176615	6621706	9273212	2715879	1726	8230084	60
97	6.41296	2363	4174204	6621438	9273043	2726454	1727	8229455	60
98	6.41807	2363	4171793	6621170	9272874	2737029	1727	8228826	60
99	6.42318	2362	4169382	6620902	9272705	2747604	1728	8228197	60
100	6.42829	2362	4166971	6620634	9272536	2758179	1728	8227568	60
101	6.43340	2361	4164560	6620366	9272367	2768754	1729	8226939	60
102	6.43851	2361	4162149	6620098	9272198	2779329	1729	8226310	60
103	6.44362	2360	4159738	6619830	9272029	2789904	1730	8225681	60
104	6.44873	2360	4157327	6619562	9271860	2800479	1730	8225052	60
105	6.45384	2359	4154916	6619294	9271691	2811054	1731	8224423	60
106	6.45895	2359	4152505	6619026	9271522	2821629	1731	8223794	60
107	6.46406	2358	4150094	6618758	9271353	2832204	1732	8223165	60
108	6.46917	2358	4147683	6618490	9271184	2842779	1732	8222536	60
109	6.47428	2357	4145272	6618222	9271015	2853354	1733	8221907	60
110	6.47939	2357	4142861	6617954	9270846	2863929	1733	8221278	60
111	6.48450	2356	4140450	6617686	9270677	2874504	1734	8220649	60

NATURAL SINES, COSINES, CHORDS, &c

25 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	5735704	2253	4264226	6014116	9224972	1808480	1663	8191620	60
1	5735147	2252	4261853	6016390	9222392	1810148	1670	8189452	59
2	5734582	2252	4259471	6018664	9220812	1811818	1670	8187182	58
3	5734011	2252	4257089	6020938	9219231	1813488	1671	8184912	57
4	5733442	2251	4254708	6023212	9217650	1815159	1672	8182641	56
5	5732872	2250	4252323	6025486	9216069	1816831	1672	8180369	55
6	5732303	2251	4249947	6027760	9214488	1818503	1673	8178097	54
7	5731732	2250	4247563	6030033	9212906	1820178	1673	8175824	53
8	5731161	2250	4245180	6032307	9211324	1821854	1675	8173551	52
9	5730590	2250	4242791	6034579	9209742	1823534	1676	8171276	51
10	5730019	2250	4240402	6036852	9208160	1825210	1676	8169001	50
11	5729448	2250	4238013	6039125	9206578	1826885	1676	8166725	49
12	5728877	2250	4235623	6041398	9204996	1828561	1677	8164449	48
13	5728306	2250	4233233	6043671	9203414	1830238	1678	8162172	47
14	5727735	2250	4230843	6045944	9201832	1831916	1678	8159896	46
15	5727164	2250	4228453	6048217	9200250	1833594	1680	8157619	45
16	5726593	2250	4226063	6050490	9198668	1835269	1680	8155342	44
17	5726022	2250	4223673	6052763	9197086	1836944	1680	8153065	43
18	5725451	2250	4221283	6055036	9195504	1838620	1681	8150788	42
19	5724880	2250	4218893	6057309	9193922	1840295	1682	8148511	41
20	5724309	2250	4216503	6059582	9192340	1841971	1683	8146234	40
21	5723738	2250	4214113	6061855	9190758	1843646	1683	8143957	39
22	5723167	2250	4211723	6064128	9189176	1845321	1684	8141680	38
23	5722596	2250	4209333	6066401	9187594	1846996	1685	8139403	37
24	5722025	2250	4206943	6068674	9186012	1848671	1685	8137126	36
25	5721454	2250	4204553	6070947	9184430	1850346	1686	8134849	35
26	5720883	2250	4202163	6073220	9182848	1852021	1686	8132572	34
27	5720312	2250	4199773	6075493	9181266	1853696	1688	8130295	33
28	5719741	2250	4197383	6077766	9179684	1855371	1688	8128018	32
29	5719170	2250	4194993	6080039	9178102	1857046	1689	8125741	31
30	5718599	2250	4192603	6082312	9176520	1858721	1689	8123464	30
31	5718028	2250	4190213	6084585	9174938	1860396	1691	8121187	29
32	5717457	2250	4187823	6086858	9173356	1862071	1691	8118910	28
33	5716886	2250	4185433	6089131	9171774	1863746	1691	8116633	27
34	5716315	2250	4183043	6091404	9170192	1865421	1692	8114356	26
35	5715744	2250	4180653	6093677	9168610	1867096	1693	8112079	25
36	5715173	2250	4178263	6095950	9167028	1868771	1693	8109802	24
37	5714602	2250	4175873	6098223	9165446	1870446	1694	8107525	23
38	5714031	2250	4173483	6100496	9163864	1872121	1694	8105248	22
39	5713460	2250	4171093	6102769	9162282	1873796	1695	8102971	21
40	5712889	2250	4168703	6105042	9160700	1875471	1695	8100694	20
41	5712318	2250	4166313	6107315	9159118	1877146	1697	8098417	19
42	5711747	2250	4163923	6109588	9157536	1878821	1697	8096140	18
43	5711176	2250	4161533	6111861	9155954	1880496	1698	8093863	17
44	5710605	2250	4159143	6114134	9154372	1882171	1698	8091586	16
45	5710034	2250	4156753	6116407	9152790	1883846	1699	8089309	15
46	5709463	2250	4154363	6118680	9151208	1885521	1700	8087032	14
47	5708892	2250	4151973	6120953	9149626	1887196	1701	8084755	13
48	5708321	2250	4149583	6123226	9148044	1888871	1701	8082478	12
49	5707750	2250	4147193	6125499	9146462	1890546	1702	8080201	11
50	5707179	2250	4144803	6127772	9144880	1892221	1702	8077924	10
51	5706608	2250	4142413	6130045	9143298	1893896	1704	8075647	9
52	5706037	2250	4140023	6132318	9141716	1895571	1704	8073370	8
53	5705466	2250	4137633	6134591	9140134	1897246	1706	8071093	7
54	5704895	2250	4135243	6136864	9138552	1898921	1706	8068816	6
55	5704324	2250	4132853	6139137	9136970	1900596	1706	8066539	5
56	5703753	2250	4130463	6141410	9135388	1902271	1708	8064262	4
57	5703182	2250	4128073	6143683	9133806	1903946	1708	8061985	3
58	5702611	2250	4125683	6145956	9132224	1905621	1709	8059708	2
59	5702040	2250	4123293	6148229	9130642	1907296	1709	8057431	1
60	5701469	2250	4120903	6150502	9129060	1908971	1709	8055154	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

86 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	88° 7853	2353	4122147	6150040	9079810	1206830	1710	8060170	00
1	88° 7906	2350	4119794	6153106	9077713	1211540	1711	8058460	59
2	88° 7958	2352	4117442	6156172	9075615	1216250	1712	8056750	58
3	88° 8010	2352	4115090	6159238	9073517	1220960	1712	8055040	57
4	88° 8062	2351	4112738	6162304	9071419	1225670	1713	8053330	56
5	88° 8113	2351	4110387	6165370	9069321	1230380	1713	8051620	55
6	88° 8164	2350	4108035	6168436	9067223	1235090	1714	8049910	54
7	88° 8216	2349	4105683	6171502	9065125	1239800	1715	8048200	53
8	88° 8267	2349	4103331	6174568	9063027	1244510	1716	8046490	52
9	88° 8319	2348	4100979	6177634	9060929	1249220	1716	8044780	51
10	88° 8370	2348	4098627	6180700	9058831	1253930	1717	8043070	50
11	88° 8422	2348	4096275	6183766	9056733	1258640	1718	8041360	49
12	88° 8473	2347	4093923	6186832	9054635	1263350	1718	8039650	48
13	88° 8525	2346	4091571	6189898	9052537	1268060	1719	8037940	47
14	88° 8576	2346	4089219	6192964	9050439	1272770	1720	8036230	46
15	88° 8628	2345	4086867	6196030	9048341	1277480	1721	8034520	45
16	88° 8679	2345	4084515	6199096	9046243	1282190	1722	8032810	44
17	88° 8731	2344	4082163	6202162	9044145	1286900	1722	8031100	43
18	88° 8782	2344	4079811	6205228	9042047	1291610	1723	8029390	42
19	88° 8834	2343	4077459	6208294	9039949	1296320	1723	8027680	41
20	88° 8885	2343	4075107	6211360	9037851	1301030	1724	8025970	40
21	88° 8937	2342	4072755	6214426	9035753	1305740	1724	8024260	39
22	88° 8988	2342	4070403	6217492	9033655	1310450	1725	8022550	38
23	88° 9040	2341	4068051	6220558	9031557	1315160	1725	8020840	37
24	88° 9091	2341	4065699	6223624	9029459	1319870	1726	8019130	36
25	88° 9143	2341	4063347	6226690	9027361	1324580	1726	8017420	35
26	88° 9194	2340	4060995	6229756	9025263	1329290	1727	8015710	34
27	88° 9246	2339	4058643	6232822	9023165	1334000	1727	8014000	33
28	88° 9297	2339	4056291	6235888	9021067	1338710	1728	8012290	32
29	88° 9349	2338	4053939	6238954	9018969	1343420	1728	8010580	31
30	88° 9400	2338	4051587	6242020	9016871	1348130	1729	8008870	30
31	88° 9452	2338	4049235	6245086	9014773	1352840	1729	8007160	29
32	88° 9503	2337	4046883	6248152	9012675	1357550	1730	8005450	28
33	88° 9555	2337	4044531	6251218	9010577	1362260	1730	8003740	27
34	88° 9606	2336	4042179	6254284	9008479	1366970	1731	8002030	26
35	88° 9658	2336	4039827	6257350	9006381	1371680	1731	8000320	25
36	88° 9709	2335	4037475	6260416	9004283	1376390	1732	7998610	24
37	88° 9761	2335	4035123	6263482	9002185	1381100	1732	7996900	23
38	88° 9812	2334	4032771	6266548	8999987	1385810	1733	7995190	22
39	88° 9864	2334	4030419	6269614	8997889	1390520	1733	7993480	21
40	88° 9915	2333	4028067	6272680	8995791	1395230	1734	7991770	20
41	88° 9967	2333	4025715	6275746	8993693	1400000	1734	7990060	19
42	88° 10018	2332	4023363	6278812	8991595	1404710	1735	7988350	18
43	88° 10070	2332	4021011	6281878	8989497	1409420	1735	7986640	17
44	88° 10121	2331	4018659	6284944	8987399	1414130	1736	7984930	16
45	88° 10173	2331	4016307	6288010	8985301	1418840	1736	7983220	15
46	88° 10224	2330	4013955	6291076	8983203	1423550	1737	7981510	14
47	88° 10276	2330	4011603	6294142	8981105	1428260	1737	7979800	13
48	88° 10327	2329	4009251	6297208	8979007	1432970	1738	7978090	12
49	88° 10379	2329	4006899	6300274	8976909	1437680	1738	7976380	11
50	88° 10430	2328	4004547	6303340	8974811	1442390	1739	7974670	10
51	88° 10482	2328	4002195	6306406	8972713	1447100	1739	7972960	9
52	88° 10533	2327	4000000	6309472	8970615	1451810	1740	7971250	8
53	88° 10585	2327	3997648	6312538	8968517	1456520	1740	7969540	7
54	88° 10636	2326	3995296	6315604	8966419	1461230	1741	7967830	6
55	88° 10688	2326	3992944	6318670	8964321	1465940	1741	7966120	5
56	88° 10739	2325	3990592	6321736	8962223	1470650	1742	7964410	4
57	88° 10791	2325	3988240	6324802	8960125	1475360	1742	7962700	3
58	88° 10842	2324	3985888	6327868	8958027	1480070	1743	7961000	2
59	88° 10894	2324	3983536	6330934	8955929	1484780	1743	7959290	1
60	88° 10945	2323	3981184	6334000	8953831	1489490	1744	7957580	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

87 Deg.

	Sine	Dif.	Covers.	Chord	Co-chord	Vers.	Dif.	Cosine	
0	0018159	2323	8981850	6340091	8925950	2018645	1751	7996355	60
1	0020473	2322	8979827	6345552	8921553	2018606	1751	7986601	59
2	0022795	2322	8977205	6351010	8916750	2017147	1753	7982553	58
3	0025117	2322	8974883	6356468	8911416	2018900	1753	7981100	57
4	0027439	2322	8972561	6361926	8906542	2020053	1753	7979447	56
5	0029760	2321	8970240	6367384	8901038	2022403	1755	7977504	55
6	0032080	2320	8967920	6372842	8895334	2024181	1755	7975830	54
7	0034400	2319	8965600	6378300	8890529	2025916	1755	7974084	53
8	0036719	2319	8963281	6383758	8885124	2027671	1757	7972329	52
9	0039038	2318	8960962	6389216	88800510	2029428	1757	7970572	51
10	0041358	2318	8958644	6394674	8875014	2031185	1757	7968815	50
11	0043674	2317	8956326	6370129	8870000	2032942	1759	7967058	49
12	0045991	2317	8954000	6375586	88652704	2034701	1759	7965299	48
13	0048308	2316	8951672	6381043	8860093	2036460	1760	7963540	47
14	0050624	2316	8949350	6386500	8855492	2038220	1760	7961780	46
15	0052940	2315	8947030	6391956	8850880	2039980	1761	7960020	45
16	0055255	2315	8944715	6397412	8846280	2041741	1762	7958259	44
17	0057570	2314	8942400	6402869	8841674	2043503	1762	7956497	43
18	0059884	2314	8940086	6408326	8837063	2045265	1763	7954735	42
19	0062198	2313	8937770	6413783	8832451	2047028	1764	7952972	41
20	0064511	2313	8935455	6419239	8827834	2048792	1764	7951208	40
21	0066821	2312	8933140	6424696	8823220	2050556	1765	7949444	39
22	0069135	2311	8930826	6430153	8818603	2052322	1765	7947678	38
23	0071447	2311	8928513	6435610	8814031	2054087	1767	7945913	37
24	0073758	2311	8926200	6441067	8809461	2055851	1767	7944146	36
25	0076069	2310	8923886	6446524	8804880	2057621	1768	7942379	35
26	0078379	2310	8921572	6451981	8800298	2059389	1768	7940611	34
27	0080689	2309	8919259	6457438	8795700	2061167	1769	7938843	33
28	0082998	2308	8916946	6462895	8791092	2062920	1770	7937074	32
29	0085306	2308	8914633	6468352	8786483	2064660	1771	7935304	31
30	0087614	2308	8912320	6473809	8781874	2066407	1771	7933533	30
31	0089922	2307	8910007	6479266	8777265	2068153	1772	7931762	29
32	0092229	2306	8907694	6484723	8772656	2070010	1772	7929990	28
33	0094535	2306	8905381	6490180	8768047	2071782	1773	7928218	27
34	0096841	2306	8903068	6495637	8763438	2073555	1774	7926445	26
35	0099147	2305	8900755	6501094	8758829	2075329	1775	7924671	25
36	0101452	2304	8898442	6506551	8754220	2077101	1776	7922896	24
37	0103757	2304	8896129	6512008	8749611	2078870	1776	7921121	23
38	0106060	2303	8893816	6517465	8745002	2080635	1776	7919345	22
39	0108363	2303	8891503	6522922	8740393	2082403	1777	7917569	21
40	0110666	2303	8889190	6528379	8735784	2084167	1778	7915792	20
41	0112969	2301	8886877	6533836	8731175	2085930	1779	7914014	19
42	0115270	2302	8884564	6539293	8726566	2087693	1779	7912235	18
43	0117572	2301	8882251	6544750	8721957	2089456	1780	7910456	17
44	0119873	2300	8879938	6550207	8717348	2091219	1780	7908677	16
45	0122173	2300	8877625	6555664	8712739	2092982	1781	7906898	15
46	0124473	2299	8875312	6561121	8708130	2094745	1782	7905115	14
47	0126772	2299	8873000	6566578	8703521	2096508	1783	7903332	13
48	0129071	2298	8870687	6572035	8698912	2098271	1783	7901549	12
49	0131370	2297	8868374	6577492	8694303	2100034	1784	7899766	11
50	0133669	2297	8866061	6582949	8689694	2101797	1785	7897983	10
51	0135968	2296	8863748	6588406	8685085	2103560	1785	7896198	9
52	0138267	2296	8861435	6593863	8680476	2105323	1786	7894413	8
53	0140566	2295	8859122	6599320	8675867	2107086	1786	7892627	7
54	0142865	2295	8856809	6604777	8671258	2108849	1787	7890842	6
55	0145164	2295	8854496	6610234	8666649	2110612	1788	7889057	5
56	0147462	2294	8852183	6615691	8662040	2112375	1789	7887272	4
57	0149761	2293	8849870	6621148	8657431	2114138	1789	7885487	3
58	0152060	2293	8847557	6626605	8652822	2115901	1790	7883702	2
59	0154359	2293	8845244	6632062	8648213	2117664	1790	7881917	1
60	0156658	2293	8842931	6637519	8643604	2119427	1790	7880132	0
	Cosine	Dif.	Vers.	Co-chord	Chord	Covers.	Dif.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

25 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Verse	Diff.	Cosine	
0	0155715	2292	3847355	6.11384	8764472	1118329	1794	7880109	60
1	0156407	2291	3847003	6.114114	8764448	1121034	1793	7879316	59
2	0157103	2291	3846650	6.114384	8764424	1123740	1792	7878524	58
3	0157803	2291	3846301	6.114654	8764400	1126446	1791	7877732	57
4	0158506	2290	3845952	6.114924	8764376	1129152	1790	7876940	56
5	0159212	2290	3845603	6.115194	8764352	1131858	1789	7876148	55
6	0159919	2289	3845254	6.115464	8764328	1134564	1788	7875356	54
7	0160627	2288	3844905	6.115734	8764304	1137270	1787	7874564	53
8	0161336	2288	3844556	6.116004	8764280	1139976	1786	7873772	52
9	0162046	2287	3844207	6.116274	8764256	1142682	1785	7872980	51
10	0162757	2287	3843858	6.116544	8764232	1145388	1784	7872188	50
11	0163469	2286	3843509	6.116814	8764208	1148094	1783	7871396	49
12	0164182	2285	3843160	6.117084	8764184	1150800	1782	7870604	48
13	0164896	2285	3842811	6.117354	8764160	1153506	1781	7869812	47
14	0165611	2284	3842462	6.117624	8764136	1156212	1780	7869020	46
15	0166327	2284	3842113	6.117894	8764112	1158918	1779	7868228	45
16	0167044	2283	3841764	6.118164	8764088	1161624	1778	7867436	44
17	0167762	2283	3841415	6.118434	8764064	1164330	1777	7866644	43
18	0168481	2282	3841066	6.118704	8764040	1167036	1776	7865852	42
19	0169201	2282	3840717	6.118974	8764016	1169742	1775	7865060	41
20	0169922	2281	3840368	6.119244	8763992	1172448	1774	7864268	40
21	0170644	2281	3840019	6.119514	8763968	1175154	1773	7863476	39
22	0171367	2280	3839670	6.119784	8763944	1177860	1772	7862684	38
23	0172091	2280	3839321	6.120054	8763920	1180566	1771	7861892	37
24	0172816	2279	3838972	6.120324	8763896	1183272	1770	7861100	36
25	0173542	2279	3838623	6.120594	8763872	1185978	1769	7860308	35
26	0174269	2278	3838274	6.120864	8763848	1188684	1768	7859516	34
27	0174997	2278	3837925	6.121134	8763824	1191390	1767	7858724	33
28	0175726	2277	3837576	6.121404	8763800	1194096	1766	7857932	32
29	0176456	2277	3837227	6.121674	8763776	1196802	1765	7857140	31
30	0177187	2276	3836878	6.121944	8763752	1199508	1764	7856348	30
31	0177919	2276	3836529	6.122214	8763728	1202214	1763	7855556	29
32	0178652	2275	3836180	6.122484	8763704	1204920	1762	7854764	28
33	0179386	2275	3835831	6.122754	8763680	1207626	1761	7853972	27
34	0180121	2274	3835482	6.123024	8763656	1210332	1760	7853180	26
35	0180857	2274	3835133	6.123294	8763632	1213038	1759	7852388	25
36	0181594	2273	3834784	6.123564	8763608	1215744	1758	7851596	24
37	0182332	2273	3834435	6.123834	8763584	1218450	1757	7850804	23
38	0183071	2272	3834086	6.124104	8763560	1221156	1756	7850012	22
39	0183811	2272	3833737	6.124374	8763536	1223862	1755	7849220	21
40	0184552	2271	3833388	6.124644	8763512	1226568	1754	7848428	20
41	0185294	2271	3833039	6.124914	8763488	1229274	1753	7847636	19
42	0186037	2270	3832690	6.125184	8763464	1231980	1752	7846844	18
43	0186781	2270	3832341	6.125454	8763440	1234686	1751	7846052	17
44	0187526	2269	3831992	6.125724	8763416	1237392	1750	7845260	16
45	0188272	2269	3831643	6.125994	8763392	1240098	1749	7844468	15
46	0189019	2268	3831294	6.126264	8763368	1242804	1748	7843676	14
47	0189767	2268	3830945	6.126534	8763344	1245510	1747	7842884	13
48	0190516	2267	3830596	6.126804	8763320	1248216	1746	7842092	12
49	0191266	2267	3830247	6.127074	8763296	1250922	1745	7841300	11
50	0192017	2266	3829898	6.127344	8763272	1253628	1744	7840508	10
51	0192769	2266	3829549	6.127614	8763248	1256334	1743	7839716	9
52	0193522	2265	3829200	6.127884	8763224	1259040	1742	7838924	8
53	0194276	2265	3828851	6.128154	8763200	1261746	1741	7838132	7
54	0195031	2264	3828502	6.128424	8763176	1264452	1740	7837340	6
55	0195787	2264	3828153	6.128694	8763152	1267158	1739	7836548	5
56	0196544	2263	3827804	6.128964	8763128	1269864	1738	7835756	4
57	0197302	2263	3827455	6.129234	8763104	1272570	1737	7834964	3
58	0198061	2262	3827106	6.129504	8763080	1275276	1736	7834172	2
59	0198821	2262	3826757	6.129774	8763056	1277982	1735	7833380	1
60	0199582	2261	3826408	6.130044	8763032	1280688	1734	7832588	0
	Cosine	Diff.	Verse	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

59 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vert.	Diff.	Cosine	
0	0.771400		3706780	6676138	8610222	2225540	1851	771400	60
1	0.771404	2260	3704578	6678879	8607996	2230371	1832	7709629	59
2	0.771411	2260	3702276	6681620	8604970	2235203	1832	7705197	58
3	0.771421	2260	3700017	6684362	8602344	2240036	1833	7700665	57
4	0.771432	2260	3697758	6687104	8599718	2244868	1834	7696132	56
5	0.771445	2260	3695500	6689845	8597092	2249702	1834	7691599	55
6	0.771459	2260	3693242	6692586	8594466	2254536	1835	7687064	54
7	0.771474	2260	3690985	6695327	8591839	2259371	1835	7682529	53
8	0.771490	2260	3688728	6698068	8589212	2264206	1837	7677994	52
9	0.771506	2260	3686472	6700809	8586585	2269041	1836	7673459	51
10	0.771523	2260	3684216	6703550	8583958	2273876	1838	7668924	50
11	0.771540	2260	3681961	6706291	8581330	2278711	1838	7664389	49
12	0.771558	2260	3679707	6709032	8578702	2283545	1839	7659854	48
13	0.771576	2260	3677453	6711772	8576074	2288380	1839	7655319	47
14	0.771595	2260	3675198	6714512	8573446	2293214	1841	7650784	46
15	0.771614	2260	3672944	6717252	8570818	2298049	1840	7646249	45
16	0.771633	2260	3670690	6719992	8568190	2302884	1842	7641714	44
17	0.771653	2260	3668436	6722731	8565562	2307718	1842	7637179	43
18	0.771673	2260	3666181	6725471	8562934	2312553	1843	7632644	42
19	0.771693	2260	3663927	6728211	8560306	2317387	1843	7628109	41
20	0.771714	2260	3661672	6730950	8557678	2322222	1844	7623574	40
21	0.771735	2260	3659418	6733689	8555049	2327057	1845	7619039	39
22	0.771756	2260	3657164	6736428	8552421	2331891	1845	7614504	38
23	0.771777	2260	3654910	6739167	8549793	2336726	1846	7610000	37
24	0.771799	2260	3652656	6741906	8547165	2341561	1847	7605496	36
25	0.771821	2260	3650402	6744644	8544538	2346395	1847	7600992	35
26	0.771843	2260	3648148	6747382	8541909	2351230	1848	7596488	34
27	0.771865	2260	3645894	6750120	8539281	2356064	1849	7591984	33
28	0.771887	2260	3643640	6752858	8536653	2360899	1850	7587479	32
29	0.771910	2260	3641386	6755596	8534025	2365733	1850	7582975	31
30	0.771932	2260	3639132	6758334	8531397	2370568	1851	7578471	30
31	0.771955	2260	3636878	6761072	8528769	2375402	1851	7573967	29
32	0.771977	2260	3634624	6763810	8526141	2380237	1852	7569463	28
33	0.772000	2260	3632370	6766548	8523513	2385071	1852	7564959	27
34	0.772022	2260	3630116	6769286	8520885	2389906	1853	7560455	26
35	0.772045	2260	3627862	6772024	8518257	2394740	1854	7555951	25
36	0.772067	2260	3625608	6774762	8515629	2399575	1854	7551447	24
37	0.772090	2260	3623354	6777500	8512999	2404409	1855	7546943	23
38	0.772112	2260	3621100	6780238	8510371	2409244	1855	7542439	22
39	0.772135	2260	3618846	6782976	8507743	2414078	1857	7537935	21
40	0.772157	2260	3616592	6785714	8505115	2418913	1857	7533431	20
41	0.772180	2260	3614338	6788452	8502487	2423747	1857	7528927	19
42	0.772202	2260	3612084	6791190	8499859	2428582	1857	7524423	18
43	0.772225	2260	3609830	6793928	8497231	2433416	1857	7519919	17
44	0.772247	2260	3607576	6796666	8494603	2438251	1857	7515415	16
45	0.772270	2260	3605322	6799404	8491975	2443085	1857	7510911	15
46	0.772292	2260	3603068	6802142	8489347	2447920	1857	7506407	14
47	0.772315	2260	3600814	6804880	8486719	2452754	1857	7501903	13
48	0.772337	2260	3598560	6807618	8484091	2457589	1857	7497399	12
49	0.772360	2260	3596306	6810356	8481463	2462423	1857	7492895	11
50	0.772382	2260	3594052	6813094	8478835	2467258	1857	7488391	10
51	0.772405	2260	3591798	6815832	8476207	2472092	1857	7483887	9
52	0.772427	2260	3589544	6818570	8473579	2476927	1857	7479383	8
53	0.772450	2260	3587290	6821308	8470951	2481761	1857	7474879	7
54	0.772472	2260	3585036	6824046	8468323	2486596	1857	7470375	6
55	0.772495	2260	3582782	6826784	8465695	2491430	1857	7465871	5
56	0.772517	2260	3580528	6829522	8463067	2496265	1857	7461367	4
57	0.772540	2260	3578274	6832260	8460439	2501100	1857	7456863	3
58	0.772562	2260	3576020	6835000	8457811	2505934	1857	7452359	2
59	0.772585	2260	3573766	6837738	8455183	2510769	1857	7447855	1
60	0.772607	2260	3571512	6840476	8452555	2515603	1857	7443351	0
	Cosine	Diff.	Covers.	Chord	Co-chord	Chord	Covers.	Diff.	Sine

NATURAL SINES, COSINES, CHORDS, &c

40 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	61° 58' 6	2223	3572124	6380402	8452368	2330356	1870	7660444	60
1	6430104	2223	3572124	6381126	8449729	2331148	1870	7659720	59
2	64 2312	2223	357 463	6381850	8447092	2331940	1872	7659004	58
3	64 1614	2223	357 703	6382574	8444455	2332732	1872	7658288	57
4	64 916	2223	357 943	6383298	8441818	2333524	1873	7657572	56
5	64 3011	2223	358 009	6384022	8439181	2334316	1873	7656856	55
6	64 1238	2223	358 249	6384746	8436544	2335108	1874	7656140	54
7	64 141	2223	358 489	6385470	8433907	2335900	1874	7655424	53
8	64 6 8	2223	358 729	6386194	8431270	2336692	1875	7654708	52
9	64 1900	2223	358 969	6386918	8428633	2337484	1875	7653992	51
10	64 3132	2223	359 209	6387642	8425996	2338276	1876	7653276	50
11	64 3263	2223	359 449	6388366	8423359	2339068	1876	7652560	49
12	64 5457	2223	359 689	6389090	8420722	2339860	1877	7651844	48
13	64 5598	2223	359 929	6389814	8418085	2340652	1877	7651128	47
14	64 5619	2223	359 169	6390538	8415448	2341444	1878	7650412	46
15	64 61 40	2223	359 409	6391262	8412811	2342236	1878	7649696	45
16	64 6420	2223	359 649	6391986	8410174	2343028	1879	7648980	44
17	64 65 42	2223	359 889	6392710	8407537	2343820	1879	7648264	43
18	64 67 04	2223	359 129	6393434	8404900	2344612	1880	7647548	42
19	64 7018	2223	359 369	6394158	8402263	2345404	1880	7646832	41
20	64 7234	2223	359 609	6394882	8399626	2346196	1881	7646116	40
21	64 7451	2223	359 849	6395606	8396989	2346988	1881	7645400	39
22	64 76 67	2223	359 129	6396330	8394352	2347780	1882	7644684	38
23	64 7884	2223	359 369	6397054	8391715	2348572	1882	7643968	37
24	64 8100	2223	359 609	6397778	8389078	2349364	1883	7643252	36
25	64 8316	2223	359 849	6398502	8386441	2350156	1883	7642536	35
26	64 8532	2223	359 129	6399226	8383804	2350948	1884	7641820	34
27	64 8748	2223	359 369	6400000	8381167	2351740	1884	7641104	33
28	64 8964	2223	359 609	6400774	8378530	2352532	1885	7640388	32
29	64 9180	2223	359 849	6401548	8375893	2353324	1885	7639672	31
30	64 9396	2223	359 129	6402322	8373256	2354116	1886	7638956	30
31	64 9612	2223	359 369	6403096	8370619	2354908	1886	7638240	29
32	64 9828	2223	359 609	6403870	8367982	2355700	1887	7637524	28
33	64 10044	2223	359 849	6404644	8365345	2356492	1887	7636808	27
34	64 10260	2223	359 129	6405418	8362708	2357284	1888	7636092	26
35	64 10476	2223	359 369	6406192	8360071	2358076	1888	7635376	25
36	64 10692	2223	359 609	6406966	8357434	2358868	1889	7634660	24
37	64 10908	2223	359 849	6407740	8354797	2359660	1889	7633944	23
38	64 11124	2223	359 129	6408514	8352160	2360452	1890	7633228	22
39	64 11340	2223	359 369	6409288	8349523	2361244	1890	7632512	21
40	64 11556	2223	359 609	6410062	8346886	2362036	1891	7631796	20
41	64 11772	2223	359 849	6410836	8344249	2362828	1891	7631080	19
42	64 11988	2223	359 129	6411610	8341612	2363620	1892	7630364	18
43	64 12204	2223	359 369	6412384	8338975	2364412	1892	7629648	17
44	64 12420	2223	359 609	6413158	8336338	2365204	1893	7628932	16
45	64 12636	2223	359 849	6413932	8333701	2365996	1893	7628216	15
46	64 12852	2223	359 129	6414706	8331064	2366788	1894	7627500	14
47	64 13068	2223	359 369	6415480	8328427	2367580	1894	7626784	13
48	64 13284	2223	359 609	6416254	8325790	2368372	1895	7626068	12
49	64 13500	2223	359 849	6417028	8323153	2369164	1895	7625352	11
50	64 13716	2223	359 129	6417802	8320516	2369956	1896	7624636	10
51	64 13932	2223	359 369	6418576	8317879	2370748	1896	7623920	9
52	64 14148	2223	359 609	6419350	8315242	2371540	1897	7623204	8
53	64 14364	2223	359 849	6420124	8312605	2372332	1897	7622488	7
54	64 14580	2223	359 129	6420898	8310000	2373124	1898	7621772	6
55	64 14796	2223	359 369	6421672	8307363	2373916	1898	7621056	5
56	64 15012	2223	359 609	6422446	8304726	2374708	1899	7620340	4
57	64 15228	2223	359 849	6423220	8302089	2375500	1899	7619624	3
58	64 15444	2223	359 129	6423994	8300000	2376292	1900	7618908	2
59	64 15660	2223	359 369	6424768	8297363	2377084	1900	7618192	1
60	64 15876	2223	359 609	6425542	8294726	2377876	1901	7617476	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

41 Deg.

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	6570590	2195	3439410	7001149	8220864	2452004	1000	7547008	60
1	6570785	2195	3437215	7006572	8219217	2454813	1000	7545187	59
2	6570980	2194	3435020	7001500	8218570	2456722	1010	7543278	58
3	6571174	2193	3432825	7012321	8217922	2458632	1010	7541368	57
4	6571367	2193	3430630	7015946	8217275	2460543	1011	7539457	56
5	6571560	2192	3428440	7017780	8216628	2462454	1012	7537546	55
6	6571752	2192	3426248	7020492	8215980	2464366	1013	7535634	54
7	6571944	2191	3424056	7023216	8215332	2466279	1013	7533721	53
8	6572135	2191	3421865	7025940	8214684	2468192	1014	7531808	52
9	6572326	2190	3419674	7028663	8214036	2470106	1014	7529894	51
10	6572516	2190	3417484	7031386	8213388	2472020	1015	7527980	50
11	6572706	2189	3415294	7034109	8212740	2473935	1010	7526065	49
12	6572895	2188	3413103	7036832	8212092	2475851	1016	7524149	48
13	6573083	2188	3410912	7039555	8211443	2477767	1017	7522233	47
14	6573271	2187	3408722	7042278	8210795	2479683	1018	7520316	46
15	6573458	2187	3406532	7045001	8210146	2481602	1018	7518398	45
16	6573645	2186	3404342	7047724	8209498	2483520	1019	7516480	44
17	6573831	2186	3402152	7050446	8208850	2485439	1020	7514561	43
18	6574017	2185	3399963	7053168	8208202	2487359	1020	7512641	42
19	6574202	2184	3397773	7055890	8207554	2489279	1021	7510721	41
20	6574386	2184	3395584	7058612	8206906	2491200	1021	7508800	40
21	6574570	2184	3393395	7061333	8206258	2493121	1022	7506879	39
22	6574754	2183	3391206	7064055	8205610	2495043	1023	7504957	38
23	6574938	2183	3389016	7066777	8204962	2496964	1023	7503034	37
24	6575121	2181	3386827	7069499	8204314	2498886	1024	7501111	36
25	6575305	2182	3384637	7072221	8203666	2500808	1025	7499187	35
26	6575488	2180	3382448	7074943	8203018	2502730	1025	7497262	34
27	6575671	2180	3380258	7077665	8202370	2504653	1026	7495337	33
28	6575854	2180	3378068	7080387	8201722	2506575	1027	7493411	32
29	6576037	2178	3375878	7083109	8201074	2508498	1027	7491484	31
30	6576220	2179	3373689	7085830	8200426	2510420	1028	7489557	30
31	6576403	2178	3371499	7088552	8199778	2512343	1028	7487630	29
32	6576586	2177	3369310	7091274	8199130	2514265	1029	7485701	28
33	6576769	2176	3367120	7093996	8198482	2516188	1030	7483772	27
34	6576952	2177	3364930	7096718	8197834	2518110	1030	7481842	26
35	6577135	2175	3362741	7099440	8197186	2520033	1031	7479912	25
36	6577318	2175	3360551	7102162	8196538	2521955	1032	7477981	24
37	6577501	2175	3358362	7104884	8195890	2523878	1032	7476050	23
38	6577684	2173	3356172	7107606	8195242	2525800	1033	7474117	22
39	6577867	2174	3353983	7110328	8194594	2527723	1033	7472184	21
40	6578050	2172	3351793	7113050	8193946	2529645	1034	7470251	20
41	6578233	2173	3349604	7115772	8193298	2531568	1035	7468317	19
42	6578416	2171	3347414	7118494	8192650	2533490	1036	7466382	18
43	6578599	2171	3345225	7121216	8192002	2535413	1036	7464446	17
44	6578782	2171	3343035	7123938	8191354	2537335	1037	7462510	16
45	6578965	2170	3340846	7126660	8190706	2539258	1038	7460574	15
46	6579148	2169	3338656	7129382	8190058	2541180	1037	7458638	14
47	6579331	2169	3336467	7132104	8189410	2543103	1039	7456700	13
48	6579514	2168	3334277	7134826	8188762	2545025	1039	7454762	12
49	6579697	2168	3332088	7137548	8188114	2546948	1040	7452824	11
50	6579880	2167	3329898	7140270	8187466	2548870	1040	7450886	10
51	6580063	2166	3327709	7142992	8186818	2550793	1042	7448948	9
52	6580246	2166	3325519	7145714	8186170	2552715	1041	7447009	8
53	6580429	2165	3323330	7148436	8185522	2554638	1043	7445068	7
54	6580612	2164	3321140	7151158	8184874	2556560	1042	7443126	6
55	6580795	2163	3318951	7153880	8184226	2558483	1044	7441183	5
56	6580978	2163	3316761	7156602	8183578	2560405	1044	7439240	4
57	6581161	2163	3314572	7159324	8182930	2562328	1046	7437295	3
58	6581344	2162	3312382	7162046	8182282	2564250	1048	7435350	2
59	6581527	2162	3310193	7164768	8181634	2566173	1046	7433404	1
60	6581710		3308003	7167490	8180986	2568095		7431448	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL SINES, COSINES, CHORDS, &c.

42 Deg

	Sine	Diff.	Covers.	Chord	Co-chord	Verse	Diff.	Cosine	
0	6601306	1581	3308804	7167358	8334732	2568552	1944	7431449	60
1	6603463	1580	3306647	7170070	8137075	2570408	1943	7429502	59
2	6605623	1581	3304372	7172780	8129418	2572446	1943	7427554	58
3	6607780	1580	3302097	7175503	8126760	2574394	1943	7425606	57
4	6609948	1580	3300002	7178230	8124102	2576342	1950	7423658	56
5	6612108	1580	3297897	7180963	8121444	2578292	1950	7421708	55
6	6614268	1580	3295734	7183690	8118786	2580241	1950	7419758	54
7	6616424	1580	3293578	7186423	8116127	2582192	1951	7417808	53
8	6618584	1580	3291413	7189160	8113468	2584143	1952	7415857	52
9	6620739	1580	3289241	7191894	8110809	2586095	1952	7413905	51
10	6622895	1580	3287103	7194608	8108151	2588047	1953	7411953	50
11	6625051	1580	3284949	7197222	8105492	2590000	1954	7410000	49
12	6627206	1580	3282794	7199836	8102833	2591954	1954	7408046	48
13	6629361	1580	3280639	7202450	8100172	2593908	1955	7406092	47
14	6631518	1580	3278485	7205064	8097513	2595863	1956	7404137	46
15	6633673	1580	3276332	7207677	8094852	2597819	1956	7402181	45
16	6635828	1580	3274177	7210290	8092192	2599775	1957	7400225	44
17	6 37993	1580	3272022	7212903	8089533	2601732	1957	7398268	43
18	6 40148	1580	3269867	7215516	8086872	2603689	1958	7396311	42
19	6 42303	1580	3267712	7218129	8084211	2605647	1959	7394353	41
20	6 44457	1580	3265557	7220742	8081550	2607600	1959	7392394	40
21	6 46612	1580	3263402	7223355	8078889	2609555	1960	7390435	39
22	6 48767	1580	3261247	7225968	8076228	2611512	1960	7388476	38
23	6 50922	1580	3259092	7228581	8073567	2613469	1961	7386517	37
24	6 53077	1580	3256937	7231194	8070906	2615427	1961	7384558	36
25	6 55232	1580	3254782	7233807	8068244	2617384	1962	7382599	35
26	6 57387	1580	3252627	7236420	8065583	2619341	1963	7380640	34
27	6 59542	1580	3250472	7239033	8062922	2621298	1963	7378681	33
28	6 61697	1580	3248317	7241646	8060261	2623255	1964	7376722	32
29	6 63852	1580	3246162	7244259	8057600	2625212	1964	7374763	31
30	6 66007	1580	3244007	7246872	8054939	2627169	1965	7372804	30
31	6 68162	1580	3241852	7249485	8052278	2629126	1965	7370845	29
32	6 70317	1580	3239697	7252098	8049617	2631083	1966	7368886	28
33	6 72472	1580	3237542	7254711	8046956	2633040	1966	7366927	27
34	6 74627	1580	3235387	7257324	8044295	2634997	1967	7364968	26
35	6 76782	1580	3233232	7259937	8041634	2636954	1967	7363009	25
36	6 78937	1580	3231077	7262550	8038973	2638911	1968	7361050	24
37	6 81092	1580	3228922	7265163	8036312	2640868	1968	7359091	23
38	6 83247	1580	3226767	7267776	8033651	2642825	1969	7357132	22
39	6 85402	1580	3224612	7270389	8030990	2644782	1969	7355173	21
40	6 87557	1580	3222457	7272992	8028329	2646739	1970	7353214	20
41	6 89712	1580	3220302	7275605	8025668	2648696	1970	7351255	19
42	6 91867	1580	3218147	7278218	8023007	2650653	1971	7349296	18
43	6 94022	1580	3215992	7280831	8020346	2652610	1971	7347337	17
44	6 96177	1580	3213837	7283444	8017685	2654567	1972	7345378	16
45	6 98332	1580	3211682	7286057	8015024	2656524	1972	7343419	15
46	6 10000	1580	3209527	7288670	8012363	2658481	1973	7341460	14
47	6 10155	1580	3207372	7291283	8009702	2660438	1973	7339501	13
48	6 10310	1580	3205217	7293896	8007041	2662395	1974	7337542	12
49	6 10465	1580	3203062	7296509	8004380	2664352	1974	7335583	11
50	6 10620	1580	3200907	7299122	8001719	2666309	1975	7333624	10
51	6 10775	1580	3198752	7301735	7999058	2668266	1975	7331665	9
52	6 10930	1580	3196597	7304348	7996397	2670223	1976	7329706	8
53	6 11085	1580	3194442	7306961	7993736	2672180	1976	7327747	7
54	6 11240	1580	3192287	7309574	7991075	2674137	1977	7325788	6
55	6 11395	1580	3190132	7312187	7988414	2676094	1977	7323829	5
56	6 11550	1580	3187977	7314800	7985753	2678051	1978	7321870	4
57	6 11705	1580	3185822	7317413	7983092	2680008	1978	7319911	3
58	6 11860	1580	3183667	7319996	7980431	2681965	1979	7317952	2
59	6 12015	1580	3181512	7322609	7977770	2683922	1979	7315993	1
60	6 12170	1580	3179357	7325222	7975109	2685879	1980	7314034	0

	Sine	Dif.	Covers.	Chord	Co-chord	Vers.	Dif.	Cosine	
0	631094	2127	2190016	7330024	7074052	2086163	1984	7313537	60
1	6321111	2126	2177880	7322731	7072314	2088147	1985	7311553	59
2	6331237	2125	2165763	7315453	7070646	2090132	1986	7309568	58
3	6341323	2124	2153637	7308144	7069078	2092117	1987	7307583	57
4	6351429	2124	2141511	7300850	7067510	2094103	1988	7305597	56
5	6361513	2125	2129387	7293555	7065941	2096089	1987	7303610	55
6	6371753	2123	2117262	7286260	7064372	2098077	1988	7301623	54
7	6381951	2123	2105139	7278965	7062804	2100065	1989	7299635	53
8	6392194	2123	2103016	7271672	7061235	2102054	1989	7297646	52
9	6402391	2123	2100893	7264377	7059666	2104043	1989	7295657	51
10	6412529	2121	2108771	7257082	7058098	2106032	1991	7293668	50
11	6422650	2121	2106650	7250787	7056527	2108023	1991	7291677	49
12	6432751	2120	2104529	7244492	7054958	2110014	1991	7289686	48
13	6442891	2120	2102408	7238196	7053388	2112005	1992	7287695	47
14	6452971	2119	2100289	7231900	7051818	2114007	1993	7285705	46
15	6463053	2118	2108170	7225604	7050248	2116009	1991	7283710	45
16	6473158	2118	2106052	7219308	7048678	2118024	1994	7281716	44
17	6483263	2118	2103934	7213012	7047107	2120028	1994	7279722	43
18	6493368	2118	2101816	7206716	7045536	2122037	1996	7277728	42
19	6503469	2116	2109700	7200419	7043966	2124038	1996	7275732	41
20	6513566	2116	2107584	7194122	7042396	2126039	1996	7273738	40
21	6523652	2115	2105463	7187826	7040825	2128029	1997	7271740	39
22	6533747	2114	2103343	7181530	7039254	2130027	1998	7269743	38
23	6543831	2114	2101223	7175233	7037682	2132025	1998	7267745	37
24	6553916	2113	2109102	7168936	7036110	2134023	1999	7265747	36
25	6563998	2113	2106982	7162638	7034538	2136022	2000	7263748	35
26	6574081	2112	2104860	7156340	7032966	2138022	2000	7261748	34
27	6584163	2112	2102738	7150042	7031394	2140022	2001	7259748	33
28	6594245	2110	2100616	7143744	7029822	2142023	2001	7257747	32
29	6604327	2111	2108495	7137446	7028250	2144024	2002	7255746	31
30	6614409	2109	2106374	7131148	7026678	2146025	2003	7253744	30
31	6624491	2110	2104253	7124850	7025106	2148025	2003	7251741	29
32	6634573	2108	2102132	7118552	7023534	2150026	2001	7249738	28
33	6644655	2108	2100011	7112254	7021962	2152026	2006	7247738	27
34	6654737	2108	2107890	7105956	7020390	2154027	2006	7245738	26
35	6664819	2108	2105769	7104658	7018818	2156027	2006	7243737	25
36	6674901	2107	2103648	7098360	7017246	2158028	2007	7241737	24
37	6684983	2106	2101527	7092062	7015674	2160028	2007	7239737	23
38	6695065	2106	2109406	7085764	7014102	2162029	2007	7237736	22
39	6705147	2105	2107285	7079466	7012530	2164030	2008	7235736	21
40	6715229	2104	2105164	7073168	7010958	2166031	2009	7233735	20
41	6725311	2103	2103043	7066870	7009386	2168032	2010	7231735	19
42	6735393	2103	2100922	7060572	7007814	2170032	2010	7229734	18
43	6745475	2102	2108801	7054274	7006242	2172033	2010	7227734	17
44	6755557	2102	2106680	7047976	7004670	2174034	2011	7225733	16
45	6765639	2101	2104559	7041678	7003098	2176035	2012	7223733	15
46	6775721	2100	2102438	7035380	7001526	2178036	2013	7221732	14
47	6785803	2100	2100317	7029082	7000954	2180036	2013	7219732	13
48	6795885	2100	2108196	7022784	7000382	2182037	2013	7217731	12
49	6805967	2099	2106075	7016486	7000810	2184038	2015	7215731	11
50	6816049	2098	2103954	7010188	7000238	2186039	2015	7213730	10
51	6826131	2097	2101833	7003890	7000666	2188040	2015	7211730	9
52	6836213	2097	2109712	7007592	7000094	2190041	2016	7209729	8
53	6846295	2096	2107591	7001294	7000522	2192042	2017	7207729	7
54	6856377	2096	2105470	7004996	7000950	2194043	2017	7205728	6
55	6866459	2095	2103349	7008698	7000378	2196044	2018	7203728	5
56	6876541	2095	2101228	7002400	7000806	2198045	2019	7201727	4
57	6886623	2094	2109107	7006102	7000234	2200046	2019	7199727	3
58	6896705	2093	2106986	7009804	7000662	2202047	2020	7197726	2
59	6906787	2093	2104865	7003506	7000090	2204048	2020	7195726	1
60	6916869	2093	2102744	7007208	7000518	2206049	2020	7193725	0
	Cosine	Dif.	Vers.	Co-chord	Chord	Covers.	Dif.	Sine	

	Sine	Diff.	Covers.	Chord	Co-chord	Vers.	Diff.	Cosine	
0	8946584	2002	3053416	749°132	7811622	2806602	2021	7193398	60
1	8948078	2001	3051324	7494529	7811044	2808023	2021	7191377	59
2	8949570	2001	3049233	7497526	7809566	2810045	2021	7189355	58
3	8951058	2001	3047141	7500222	7808088	2812067	2022	7187333	57
4	8952549	2000	3045051	7502918	7806610	2814090	2023	7185310	56
5	8954039	2000	3042961	7505615	7805132	2816113	2024	7183287	55
6	8955525	2000	3040871	7508312	7803654	2818137	2025	7181263	54
7	8957010	2000	3038783	7511008	7802177	2820162	2025	7179238	53
8	8958496	2000	3036695	7513705	7800700	2822187	2026	7177213	52
9	8959980	2000	3034608	7516402	7799223	2824212	2026	7175187	51
10	8961479	2000	3032521	7519100	7797746	2826237	2027	7173161	50
11	8962965	2000	3030435	7521799	7796269	2828262	2028	7171134	49
12	8964451	2000	3028349	7524498	7794792	2830287	2028	7169108	48
13	8965937	2000	3026264	7527197	7793315	2832312	2029	7167081	47
14	8967421	2000	3024179	7529896	7791838	2834337	2030	7165054	46
15	8968905	2000	3022095	7532595	7790361	2836362	2030	7163028	45
16	8970389	2000	3020011	7535294	7788884	2838387	2031	7160999	44
17	8971873	2000	3017927	7537993	7787407	2840412	2031	7158970	43
18	8973357	2000	3015843	7540692	7785930	2842437	2032	7156947	42
19	8974841	2000	3013759	7543391	7784453	2844462	2032	7154918	41
20	8976325	2000	3011675	7546090	7782976	2846487	2033	7152889	40
21	8977809	2000	3009591	7548789	7781499	2848512	2034	7150860	39
22	8979293	2000	3007507	7551488	7779999	2850537	2034	7148831	38
23	8980777	2000	3005423	7554187	7778522	2852562	2035	7146802	37
24	8982261	2000	3003339	7556886	7777045	2854587	2035	7144773	36
25	8983745	2000	3001255	7559585	7775568	2856612	2036	7142744	35
26	8985229	2000	2999171	7562284	7774091	2858637	2037	7140715	34
27	8986713	2000	2997087	7564983	7772614	2860662	2037	7138686	33
28	8988197	2000	2995003	7567682	7771137	2862687	2038	7136657	32
29	8989681	2000	2992919	7570381	7769660	2864712	2038	7134628	31
30	8991165	2000	2990835	7573080	7768183	2866737	2039	7132599	30
31	8992649	2000	2988751	7575779	7766706	2868762	2040	7130570	29
32	8994133	2000	2986667	7578478	7765229	2870787	2041	7128541	28
33	8995617	2000	2984583	7581177	7763752	2872812	2041	7126512	27
34	8997101	2000	2982499	7583876	7762275	2874837	2042	7124483	26
35	8998585	2000	2980415	7586575	7760798	2876862	2043	7122454	25
36	8999999	2000	2978331	7589274	7759321	2878887	2044	7120425	24
37	9001413	2000	2976247	7591973	7757844	2880912	2044	7118396	23
38	9002827	2000	2974163	7594672	7756367	2882937	2045	7116367	22
39	9004241	2000	2972079	7597371	7754890	2884962	2045	7114338	21
40	9005655	2000	2969995	7600070	7753413	2886987	2046	7112309	20
41	9007069	2000	2967911	7602769	7751936	2889012	2047	7110280	19
42	9008483	2000	2965827	7605468	7750459	2891037	2047	7108251	18
43	9009897	2000	2963743	7608167	7748982	2893062	2048	7106222	17
44	9011311	2000	2961659	7610866	7747505	2895087	2048	7104193	16
45	9012725	2000	2959575	7613565	7746028	2897112	2049	7102164	15
46	9014139	2000	2957491	7616264	7744551	2899137	2049	7100135	14
47	9015553	2000	2955407	7618963	7743074	2901162	2050	7098106	13
48	9016967	2000	2953323	7621662	7741597	2903187	2050	7096077	12
49	9018381	2000	2951239	7624361	7740120	2905212	2051	7094048	11
50	9019795	2000	2949155	7627060	7738643	2907237	2051	7092019	10
51	9021209	2000	2947071	7629759	7737166	2909262	2052	7089990	9
52	9022623	2000	2944987	7632458	7735689	2911287	2053	7087961	8
53	9024037	2000	2942903	7635157	7734212	2913312	2053	7085932	7
54	9025451	2000	2940819	7637856	7732735	2915337	2054	7083903	6
55	9026865	2000	2938735	7640555	7731258	2917362	2054	7081874	5
56	9028279	2000	2936651	7643254	7729781	2919387	2055	7079845	4
57	9029693	2000	2934567	7645953	7728304	2921412	2055	7077816	3
58	9031107	2000	2932483	7648652	7726827	2923437	2056	7075787	2
59	9032521	2000	2930399	7651351	7725350	2925462	2056	7073758	1
60	9033935	2000	2928315	7654050	7723873	2927487	2057	7071729	0
	Cosine	Diff.	Vers.	Co-chord	Chord	Covers.	Diff.	Sine	

NATURAL TANGENTS

	0°	1°	2°	3°	4°	5°	6°	
0	0.000000	0.0174551	0.0349208	0.0524078	0.0699268	0.0874887	0.1051042	60
1	0.0174551	0.0349208	0.0524078	0.0699268	0.0874887	0.1051042	0.1227781	59
2	0.0349208	0.0524078	0.0699268	0.0874887	0.1051042	0.1227781	0.1405095	58
3	0.0524078	0.0699268	0.0874887	0.1051042	0.1227781	0.1405095	0.1583881	57
4	0.0699268	0.0874887	0.1051042	0.1227781	0.1405095	0.1583881	0.1765230	56
5	0.0874887	0.1051042	0.1227781	0.1405095	0.1583881	0.1765230	0.1948144	55
6	0.1051042	0.1227781	0.1405095	0.1583881	0.1765230	0.1948144	0.2132628	54
7	0.1227781	0.1405095	0.1583881	0.1765230	0.1948144	0.2132628	0.2318692	53
8	0.1405095	0.1583881	0.1765230	0.1948144	0.2132628	0.2318692	0.2506345	52
9	0.1583881	0.1765230	0.1948144	0.2132628	0.2318692	0.2506345	0.2695597	51
10	0.1765230	0.1948144	0.2132628	0.2318692	0.2506345	0.2695597	0.2886458	50
11	0.1948144	0.2132628	0.2318692	0.2506345	0.2695597	0.2886458	0.3078928	49
12	0.2132628	0.2318692	0.2506345	0.2695597	0.2886458	0.3078928	0.3273007	48
13	0.2318692	0.2506345	0.2695597	0.2886458	0.3078928	0.3273007	0.3468696	47
14	0.2506345	0.2695597	0.2886458	0.3078928	0.3273007	0.3468696	0.3665995	46
15	0.2695597	0.2886458	0.3078928	0.3273007	0.3468696	0.3665995	0.3864914	45
16	0.2886458	0.3078928	0.3273007	0.3468696	0.3665995	0.3864914	0.4065453	44
17	0.3078928	0.3273007	0.3468696	0.3665995	0.3864914	0.4065453	0.4267612	43
18	0.3273007	0.3468696	0.3665995	0.3864914	0.4065453	0.4267612	0.4471391	42
19	0.3468696	0.3665995	0.3864914	0.4065453	0.4267612	0.4471391	0.4676790	41
20	0.3665995	0.3864914	0.4065453	0.4267612	0.4471391	0.4676790	0.4883819	40
21	0.3864914	0.4065453	0.4267612	0.4471391	0.4676790	0.4883819	0.5092478	39
22	0.4065453	0.4267612	0.4471391	0.4676790	0.4883819	0.5092478	0.5302767	38
23	0.4267612	0.4471391	0.4676790	0.4883819	0.5092478	0.5302767	0.5514696	37
24	0.4471391	0.4676790	0.4883819	0.5092478	0.5302767	0.5514696	0.5728265	36
25	0.4676790	0.4883819	0.5092478	0.5302767	0.5514696	0.5728265	0.5943474	35
26	0.4883819	0.5092478	0.5302767	0.5514696	0.5728265	0.5943474	0.6160323	34
27	0.5092478	0.5302767	0.5514696	0.5728265	0.5943474	0.6160323	0.6378822	33
28	0.5302767	0.5514696	0.5728265	0.5943474	0.6160323	0.6378822	0.6598971	32
29	0.5514696	0.5728265	0.5943474	0.6160323	0.6378822	0.6598971	0.6820770	31
30	0.5728265	0.5943474	0.6160323	0.6378822	0.6598971	0.6820770	0.7044219	30
31	0.5943474	0.6160323	0.6378822	0.6598971	0.6820770	0.7044219	0.7269318	29
32	0.6160323	0.6378822	0.6598971	0.6820770	0.7044219	0.7269318	0.7496067	28
33	0.6378822	0.6598971	0.6820770	0.7044219	0.7269318	0.7496067	0.7724466	27
34	0.6598971	0.6820770	0.7044219	0.7269318	0.7496067	0.7724466	0.7954515	26
35	0.6820770	0.7044219	0.7269318	0.7496067	0.7724466	0.7954515	0.8186214	25
36	0.7044219	0.7269318	0.7496067	0.7724466	0.7954515	0.8186214	0.8419563	24
37	0.7269318	0.7496067	0.7724466	0.7954515	0.8186214	0.8419563	0.8654562	23
38	0.7496067	0.7724466	0.7954515	0.8186214	0.8419562	0.8654562	0.8891211	22
39	0.7724466	0.7954515	0.8186214	0.8419562	0.8654562	0.8891211	0.9130510	21
40	0.7954515	0.8186214	0.8419562	0.8654562	0.8891211	0.9130510	0.9372459	20
41	0.8186214	0.8419562	0.8654562	0.8891211	0.9130510	0.9372459	0.9616958	19
42	0.8419562	0.8654562	0.8891211	0.9130510	0.9372459	0.9616958	0.9864007	18
43	0.8654562	0.8891211	0.9130510	0.9372459	0.9616958	0.9864007	1.0113606	17
44	0.8891211	0.9130510	0.9372459	0.9616958	0.9864007	1.0113606	1.0365755	16
45	0.9130510	0.9372459	0.9616958	0.9864007	1.0113606	1.0365755	1.0619454	15
46	0.9372459	0.9616958	0.9864007	1.0113606	1.0365755	1.0619454	1.0874703	14
47	0.9616958	0.9864007	1.0113606	1.0365755	1.0619454	1.0874703	1.1131502	13
48	0.9864007	1.0113606	1.0365755	1.0619454	1.0874703	1.1131502	1.1389851	12
49	1.0113606	1.0365755	1.0619454	1.0874703	1.1131502	1.1389851	1.1649750	11
50	1.0365755	1.0619454	1.0874703	1.1131502	1.1389851	1.1649750	1.1911209	10
51	1.0619454	1.0874703	1.1131502	1.1389851	1.1649750	1.1911209	1.2174228	9
52	1.0874703	1.1131502	1.1389851	1.1649750	1.1911209	1.2174228	1.2438807	8
53	1.1131502	1.1389851	1.1649750	1.1911209	1.2174228	1.2438807	1.2704946	7
54	1.1389851	1.1649750	1.1911209	1.2174228	1.2438807	1.2704946	1.2972645	6
55	1.1649750	1.1911209	1.2174228	1.2438807	1.2704946	1.2972645	1.3241904	5
56	1.1911209	1.2174228	1.2438807	1.2704946	1.2972645	1.3241904	1.3512723	4
57	1.2174228	1.2438807	1.2704946	1.2972645	1.3241904	1.3512723	1.3785102	3
58	1.2438807	1.2704946	1.2972645	1.3241904	1.3512723	1.3785102	1.4059041	2
59	1.2704946	1.2972645	1.3241904	1.3512723	1.3785102	1.4059041	1.4334540	1
60	1.2972645	1.3241904	1.3512723	1.3785102	1.4059041	1.4334540	1.4611609	0
	89°	88°	87°	86°	85°	84°	83°	

NATURAL TANGENTS.

	7°	8°	9°	10°	11°	12°	13°	
0	0.1257346	0.1405408	0.1583344	0.1763270	0.1943303	0.2125566	0.2308682	00
1	1257398	1405475	1583426	1763350	1943382	2125608	2308746	59
2	1257452	1405542	1583493	1763413	1943445	2125671	2308811	58
3	1257506	1405608	1583560	1763476	1943508	2125734	2308876	57
4	1257561	1405674	1583627	1763539	1943571	2125797	2308941	56
5	1257615	1405740	1583693	1763602	1943634	2125860	2309006	55
6	1257670	1405806	1583760	1763665	1943697	2125923	2309071	54
7	1257724	1405872	1583827	1763728	1943760	2125986	2309136	53
8	1257779	1405938	1583893	1763791	1943823	2126049	2309201	52
9	1257833	1406004	1583960	1763854	1943886	2126112	2309266	51
10	0.1257888	0.1406070	0.1584027	0.1763917	0.1943949	0.2126175	0.2309331	50
11	1257942	1406136	1584093	1763980	1944012	2126238	2309396	49
12	1257997	1406202	1584160	1764043	1944075	2126301	2309461	48
13	1258051	1406268	1584227	1764106	1944138	2126364	2309526	47
14	1258106	1406334	1584293	1764169	1944201	2126427	2309591	46
15	1258160	1406400	1584360	1764232	1944264	2126490	2309656	45
16	1258215	1406466	1584427	1764295	1944327	2126553	2309721	44
17	1258269	1406532	1584493	1764358	1944390	2126616	2309786	43
18	1258324	1406598	1584560	1764421	1944453	2126679	2309851	42
19	1258378	1406664	1584627	1764484	1944516	2126742	2309916	41
20	0.1258433	0.1406730	0.1584693	0.1764547	0.1944579	0.2126805	0.2309981	40
21	1258487	1406796	1584760	1764610	1944642	2126868	2310046	39
22	1258542	1406862	1584827	1764673	1944705	2126931	2310111	38
23	1258596	1406928	1584893	1764736	1944768	2126994	2310176	37
24	1258651	1406994	1584960	1764799	1944831	2127057	2310241	36
25	1258705	1407060	1585027	1764862	1944894	2127120	2310306	35
26	1258760	1407126	1585093	1764925	1944957	2127183	2310371	34
27	1258814	1407192	1585160	1764988	1945020	2127246	2310436	33
28	1258869	1407258	1585227	1765051	1945083	2127309	2310501	32
29	1258923	1407324	1585293	1765114	1945146	2127372	2310566	31
30	0.1258978	0.1407390	0.1585360	0.1765177	0.1945209	0.2127435	0.2310631	30
31	1259032	1407456	1585427	1765240	1945272	2127498	2310696	29
32	1259087	1407522	1585493	1765303	1945335	2127561	2310761	28
33	1259141	1407588	1585560	1765366	1945398	2127624	2310826	27
34	1259196	1407654	1585627	1765429	1945461	2127687	2310891	26
35	1259250	1407720	1585693	1765492	1945524	2127750	2310956	25
36	1259305	1407786	1585760	1765555	1945587	2127813	2311021	24
37	1259359	1407852	1585827	1765618	1945650	2127876	2311086	23
38	1259414	1407918	1585893	1765681	1945713	2127939	2311151	22
39	1259468	1407984	1585960	1765744	1945776	2128002	2311216	21
40	0.1259523	0.1408050	0.1586027	0.1765807	0.1945839	0.2128065	0.2311281	20
41	1259577	1408116	1586093	1765870	1945902	2128128	2311346	19
42	1259632	1408182	1586160	1765933	1945965	2128191	2311411	18
43	1259686	1408248	1586227	1765996	1946028	2128254	2311476	17
44	1259741	1408314	1586293	1766059	1946091	2128317	2311541	16
45	1259795	1408380	1586360	1766122	1946154	2128380	2311606	15
46	1259850	1408446	1586427	1766185	1946217	2128443	2311671	14
47	1259904	1408512	1586493	1766248	1946280	2128506	2311736	13
48	1259959	1408578	1586560	1766311	1946343	2128569	2311801	12
49	1260013	1408644	1586627	1766374	1946406	2128632	2311866	11
50	0.1260068	0.1408710	0.1586693	0.1766437	0.1946469	0.2128695	0.2311931	10
51	1260122	1408776	1586760	1766500	1946532	2128758	2311996	9
52	1260177	1408842	1586827	1766563	1946595	2128821	2312061	8
53	1260231	1408908	1586893	1766626	1946658	2128884	2312126	7
54	1260286	1408974	1586960	1766689	1946721	2128947	2312191	6
55	1260340	1409040	1587027	1766752	1946784	2129010	2312256	5
56	1260395	1409106	1587093	1766815	1946847	2129073	2312321	4
57	1260449	1409172	1587160	1766878	1946910	2129136	2312386	3
58	1260504	1409238	1587227	1766941	1946973	2129199	2312451	2
59	1260558	1409304	1587293	1766999	1947036	2129262	2312516	1
60	0.1260613	0.1409370	0.1587360	0.1767062	0.1947100	0.2129325	0.2312581	0
61	1260667	1409436	1587427	1767125	1947163	2129388	2312646	59
62	1260722	1409502	1587493	1767188	1947226	2129451	2312711	58
63	1260776	1409568	1587560	1767251	1947289	2129514	2312776	57
64	1260831	1409634	1587627	1767314	1947352	2129577	2312841	56
65	1260885	1409700	1587693	1767377	1947415	2129640	2312906	55
66	1260940	1409766	1587760	1767440	1947478	2129703	2312971	54
67	1260994	1409832	1587827	1767503	1947541	2129766	2313036	53
68	1261049	1409898	1587893	1767566	1947604	2129829	2313101	52
69	1261103	1409964	1587960	1767629	1947667	2129892	2313166	51
70	0.1261158	0.1409999	0.1588027	0.1767692	0.1947730	0.2129955	0.2313231	50
71	1261212	1410065	1588093	1767755	1947793	2129999	2313296	49
72	1261267	1410131	1588160	1767818	1947856	2130062	2313361	48
73	1261321	1410197	1588227	1767881	1947919	2130125	2313426	47
74	1261376	1410263	1588293	1767944	1947982	2130188	2313491	46
75	1261430	1410329	1588360	1768007	1948045	2130251	2313556	45
76	1261485	1410395	1588427	1768070	1948108	2130314	2313621	44
77	1261539	1410461	1588493	1768133	1948171	2130377	2313686	43
78	1261594	1410527	1588560	1768196	1948234	2130440	2313751	42
79	1261648	1410593	1588627	1768259	1948297	2130503	2313816	41
80	0.1261703	0.1410659	0.1588693	0.1768322	0.1948360	0.2130566	0.2313881	40
81	1261757	1410725	1588760	1768385	1948423	2130629	2313946	39
82	1261812	1410791	1588827	1768448	1948486	2130692	2314011	38
83	1261866	1410857	1588893	1768511	1948549	2130755	2314076	37
84	1261921	1410923	1588960	1768574	1948612	2130818	2314141	36
85	1261975	1410989	1589027	1768637	1948675	2130881	2314206	35
86	1262030	1411055	1589093	1768700	1948738	2130944	2314271	34
87	1262084	1411121	1589160	1768763	1948801	2131007	2314336	33
88	1262139	1411187	1589227	1768826	1948864	2131070	2314401	32
89	1262193	1411253	1589293	1768889	1948927	2131133	2314466	31
90	0.1262248	0.1411319	0.1589360	0.1768952	0.1948990	0.2131196	0.2314531	30
91	1262302	1411385	1589427	1769015	1949053	2131259	2314596	29
92	1262357	1411451	1589493	1769078	1949116	2131322	2314661	28
93	1262411	1411517	1589560	1769141	1949179	2131385	2314726	27
94	1262466	1411583	1589627	1769204	1949242	2131448	2314791	26
95	1262520	1411649	1589693	1769267	1949305	2131511	2314856	25
96	1262575	1411715	1589760	1769330	1949368	2131574	2314921	24
97	1262629	1411781	1589827	1769393	1949431	2131637	2314986	23
98	1262684	1411847	1589893	1769456	1949494	2131700	2315051	22
99	1262738	1411913	1589960	1769519	1949557	2131763	2315116	21
100	0.1262793	0.1411979	0.1590027	0.1769582	0.1949620	0.2131826	0.2315181	20

NATURAL TANGENTS.

	14°	15°	16°	17°	18°	19°	20°	
0	0.2430280	0.2679492	0.2867454	0.3057207	0.3249197	0.3443276	0.3639702	60
1	0.2430370	0.2679510	0.2867462	0.3057215	0.3249205	0.3443284	0.3639710	59
2	0.2430460	0.2679528	0.2867470	0.3057223	0.3249213	0.3443292	0.3639718	58
3	0.2430550	0.2679546	0.2867478	0.3057231	0.3249221	0.3443300	0.3639726	57
4	0.2430640	0.2679564	0.2867486	0.3057239	0.3249229	0.3443308	0.3639734	56
5	0.2430730	0.2679582	0.2867494	0.3057247	0.3249237	0.3443316	0.3639742	55
6	0.2430820	0.2679600	0.2867502	0.3057255	0.3249245	0.3443324	0.3639750	54
7	0.2430910	0.2679618	0.2867510	0.3057263	0.3249253	0.3443332	0.3639758	53
8	0.2431000	0.2679636	0.2867518	0.3057271	0.3249261	0.3443340	0.3639766	52
9	0.2431090	0.2679654	0.2867526	0.3057279	0.3249269	0.3443348	0.3639774	51
10	0.2431180	0.2679672	0.2867534	0.3057287	0.3249277	0.3443356	0.3639782	50
11	0.2431270	0.2679690	0.2867542	0.3057295	0.3249285	0.3443364	0.3639790	49
12	0.2431360	0.2679708	0.2867550	0.3057303	0.3249293	0.3443372	0.3639798	48
13	0.2431450	0.2679726	0.2867558	0.3057311	0.3249301	0.3443380	0.3639806	47
14	0.2431540	0.2679744	0.2867566	0.3057319	0.3249309	0.3443388	0.3639814	46
15	0.2431630	0.2679762	0.2867574	0.3057327	0.3249317	0.3443396	0.3639822	45
16	0.2431720	0.2679780	0.2867582	0.3057335	0.3249325	0.3443404	0.3639830	44
17	0.2431810	0.2679798	0.2867590	0.3057343	0.3249333	0.3443412	0.3639838	43
18	0.2431900	0.2679816	0.2867598	0.3057351	0.3249341	0.3443420	0.3639846	42
19	0.2431990	0.2679834	0.2867606	0.3057359	0.3249349	0.3443428	0.3639854	41
20	0.2432080	0.2679852	0.2867614	0.3057367	0.3249357	0.3443436	0.3639862	40
21	0.2432170	0.2679870	0.2867622	0.3057375	0.3249365	0.3443444	0.3639870	39
22	0.2432260	0.2679888	0.2867630	0.3057383	0.3249373	0.3443452	0.3639878	38
23	0.2432350	0.2679906	0.2867638	0.3057391	0.3249381	0.3443460	0.3639886	37
24	0.2432440	0.2679924	0.2867646	0.3057399	0.3249389	0.3443468	0.3639894	36
25	0.2432530	0.2679942	0.2867654	0.3057407	0.3249397	0.3443476	0.3639902	35
26	0.2432620	0.2679960	0.2867662	0.3057415	0.3249405	0.3443484	0.3639910	34
27	0.2432710	0.2679978	0.2867670	0.3057423	0.3249413	0.3443492	0.3639918	33
28	0.2432800	0.2679996	0.2867678	0.3057431	0.3249421	0.3443500	0.3639926	32
29	0.2432890	0.2680014	0.2867686	0.3057439	0.3249429	0.3443508	0.3639934	31
30	0.2432980	0.2680032	0.2867694	0.3057447	0.3249437	0.3443516	0.3639942	30
31	0.2433070	0.2680050	0.2867702	0.3057455	0.3249445	0.3443524	0.3639950	29
32	0.2433160	0.2680068	0.2867710	0.3057463	0.3249453	0.3443532	0.3639958	28
33	0.2433250	0.2680086	0.2867718	0.3057471	0.3249461	0.3443540	0.3639966	27
34	0.2433340	0.2680104	0.2867726	0.3057479	0.3249469	0.3443548	0.3639974	26
35	0.2433430	0.2680122	0.2867734	0.3057487	0.3249477	0.3443556	0.3639982	25
36	0.2433520	0.2680140	0.2867742	0.3057495	0.3249485	0.3443564	0.3639990	24
37	0.2433610	0.2680158	0.2867750	0.3057503	0.3249493	0.3443572	0.3640000	23
38	0.2433700	0.2680176	0.2867758	0.3057511	0.3249501	0.3443580	0.3640008	22
39	0.2433790	0.2680194	0.2867766	0.3057519	0.3249509	0.3443588	0.3640016	21
40	0.2433880	0.2680212	0.2867774	0.3057527	0.3249517	0.3443596	0.3640024	20
41	0.2433970	0.2680230	0.2867782	0.3057535	0.3249525	0.3443604	0.3640032	19
42	0.2434060	0.2680248	0.2867790	0.3057543	0.3249533	0.3443612	0.3640040	18
43	0.2434150	0.2680266	0.2867798	0.3057551	0.3249541	0.3443620	0.3640048	17
44	0.2434240	0.2680284	0.2867806	0.3057559	0.3249549	0.3443628	0.3640056	16
45	0.2434330	0.2680302	0.2867814	0.3057567	0.3249557	0.3443636	0.3640064	15
46	0.2434420	0.2680320	0.2867822	0.3057575	0.3249565	0.3443644	0.3640072	14
47	0.2434510	0.2680338	0.2867830	0.3057583	0.3249573	0.3443652	0.3640080	13
48	0.2434600	0.2680356	0.2867838	0.3057591	0.3249581	0.3443660	0.3640088	12
49	0.2434690	0.2680374	0.2867846	0.3057599	0.3249589	0.3443668	0.3640096	11
50	0.2434780	0.2680392	0.2867854	0.3057607	0.3249597	0.3443676	0.3640104	10
51	0.2434870	0.2680410	0.2867862	0.3057615	0.3249605	0.3443684	0.3640112	9
52	0.2434960	0.2680428	0.2867870	0.3057623	0.3249613	0.3443692	0.3640120	8
53	0.2435050	0.2680446	0.2867878	0.3057631	0.3249621	0.3443700	0.3640128	7
54	0.2435140	0.2680464	0.2867886	0.3057639	0.3249629	0.3443708	0.3640136	6
55	0.2435230	0.2680482	0.2867894	0.3057647	0.3249637	0.3443716	0.3640144	5
56	0.2435320	0.2680500	0.2867902	0.3057655	0.3249645	0.3443724	0.3640152	4
57	0.2435410	0.2680518	0.2867910	0.3057663	0.3249653	0.3443732	0.3640160	3
58	0.2435500	0.2680536	0.2867918	0.3057671	0.3249661	0.3443740	0.3640168	2
59	0.2435590	0.2680554	0.2867926	0.3057679	0.3249669	0.3443748	0.3640176	1
60	0.2435680	0.2680572	0.2867934	0.3057687	0.3249677	0.3443756	0.3640184	0
	75°	74°	73°	72°	71°	70°	69°	

NATURAL TANGENTS.

	21°	22°	23°	24°	25°	26°	27°	
0	0.3838640	0.404062	0.4244743	0.4452287	0.4663077	0.4877376	0.509524	60
1	2341978	4043048	4743187	4455773	4668418	4880927	5098919	59
2	2345317	4044031	4744166	4456753	4669398	4881907	5099899	58
3	2348656	4045014	4745145	4457732	4670378	4882887	5100879	57
4	2351995	4045994	4746125	4458712	4671358	4883867	5101859	56
5	2355334	4046974	4747104	4459692	4672338	4884847	5113388	55
6	2358673	4047954	4748084	4460672	4673318	4885827	5117259	54
7	2362012	4048934	4749064	4461652	4674298	4886807	5121030	53
8	2365351	4049914	4750044	4462632	4675278	4887787	5124801	52
9	2368690	4050894	4751024	4463612	4676258	4888767	5128572	51
10	0.2372029	0.4051874	0.4752004	0.4464592	0.4677238	0.4889747	0.5132343	50
11	2375368	4052854	4752984	4465572	4678218	4890727	5136114	49
12	2378707	4053834	4753964	4466552	4679198	4891707	5139885	48
13	2382046	4054814	4754944	4467532	4680178	4892687	5143656	47
14	2385385	4055794	4755924	4468512	4681158	4893667	5147427	46
15	2388724	4056774	4756904	4469492	4682138	4894647	5151198	45
16	2392063	4057754	4757884	4470472	4683118	4895627	5154969	44
17	2395402	4058734	4758864	4471452	4684098	4896607	5158740	43
18	2398741	4059714	4759844	4472432	4685078	4897587	5162511	42
19	2402080	4060694	4760824	4473412	4686058	4898567	5166282	41
20	0.2405419	0.4061674	0.4761804	0.4474392	0.4687038	0.4899547	0.5170053	40
21	2408758	4062654	4762784	4475372	4688018	4900527	5173824	39
22	2412097	4063634	4763764	4476352	4688998	4901507	5177595	38
23	2415436	4064614	4764744	4477332	4689978	4902487	5181366	37
24	2418775	4065594	4765724	4478312	4690958	4903467	5185137	36
25	2422114	4066574	4766704	4479292	4691938	4904447	5188908	35
26	2425453	4067554	4767684	4480272	4692918	4905427	5192679	34
27	2428792	4068534	4768664	4481252	4693898	4906407	5196450	33
28	2432131	4069514	4769644	4482232	4694878	4907387	5200221	32
29	2435470	4070494	4770624	4483212	4695858	4908367	5203992	31
30	0.2438809	0.4071474	0.4771604	0.4484192	0.4696838	0.4909347	0.5207763	30
31	2442148	4072454	4772584	4485172	4697818	4910327	5211534	29
32	2445487	4073434	4773564	4486152	4698798	4911307	5215305	28
33	2448826	4074414	4774544	4487132	4699778	4912287	5219076	27
34	2452165	4075394	4775524	4488112	4700758	4913267	5222847	26
35	2455504	4076374	4776504	4489092	4701738	4914247	5226618	25
36	2458843	4077354	4777484	4490072	4702718	4915227	5230389	24
37	2462182	4078334	4778464	4491052	4703698	4916207	5234160	23
38	2465521	4079314	4779444	4492032	4704678	4917187	5237931	22
39	2468860	4080294	4780424	4493012	4705658	4918167	5241702	21
40	0.2472199	0.4081274	0.4781404	0.4493992	0.4706638	0.4919147	0.5245473	20
41	2475538	4082254	4782384	4494972	4707618	4920127	5249244	19
42	2478877	4083234	4783364	4495952	4708598	4921107	5253015	18
43	2482216	4084214	4784344	4496932	4709578	4922087	5256786	17
44	2485555	4085194	4785324	4497912	4710558	4923067	5260557	16
45	2488894	4086174	4786304	4498892	4711538	4924047	5264328	15
46	2492233	4087154	4787284	4499872	4712518	4925027	5268099	14
47	2495572	4088134	4788264	4500852	4713498	4926007	5271870	13
48	2498911	4089114	4789244	4501832	4714478	4926987	5275641	12
49	2502250	4090094	4790224	4502812	4715458	4927967	5279412	11
50	0.2505589	0.4091074	0.4791204	0.4503792	0.4716438	0.4928947	0.5283183	10
51	2508928	4092054	4792184	4504772	4717418	4929927	5286954	9
52	2512267	4093034	4793164	4505752	4718398	4930907	5290725	8
53	2515606	4094014	4794144	4506732	4719378	4931887	5294496	7
54	2518945	4094994	4795124	4507712	4720358	4932867	5298267	6
55	2522284	4095974	4796104	4508692	4721338	4933847	5302038	5
56	2525623	4096954	4797084	4509672	4722318	4934827	5305809	4
57	2528962	4097934	4798064	4510652	4723298	4935807	5309580	3
58	2532301	4098914	4799044	4511632	4724278	4936787	5313351	2
59	2535640	4099894	4800024	4512612	4725258	4937767	5317122	1
60	0.2538979	0.4100874	0.4801004	0.4513592	0.4726238	0.4938747	0.5320893	0
61	2542318	4101854	4801984	4514572	4727218	4939727	5324664	60
62	2545657	4102834	4802964	4515552	4728198	4940707	5328435	59
63	2548996	4103814	4803944	4516532	4729178	4941687	5332206	58
64	2552335	4104794	4804924	4517512	4730158	4942667	5335977	57
65	2555674	4105774	4805904	4518492	4731138	4943647	5339748	56
66	2559013	4106754	4806884	4519472	4732118	4944627	5343519	55
67	2562352	4107734	4807864	4520452	4733098	4945607	5347290	54
68	2565691	4108714	4808844	4521432	4734078	4946587	5351061	53
69	2569030	4109694	4809824	4522412	4735058	4947567	5354832	52
70	0.2572369	0.4110674	0.4810804	0.4523392	0.4736038	0.4948547	0.5358603	51
71	2575708	4111654	4811784	4524372	4737018	4949527	5362374	50
72	2579047	4112634	4812764	4525352	4737998	4950507	5366145	49
73	2582386	4113614	4813744	4526332	4738978	4951487	5369916	48
74	2585725	4114594	4814724	4527312	4739958	4952467	5373687	47
75	2589064	4115574	4815704	4528292	4740938	4953447	5377458	46
76	2592403	4116554	4816684	4529272	4741918	4954427	5381229	45
77	2595742	4117534	4817664	4530252	4742898	4955407	5385000	44
78	2599081	4118514	4818644	4531232	4743878	4956387	5388771	43
79	2602420	4119494	4819624	4532212	4744858	4957367	5392542	42
80	0.2605759	0.4120474	0.4820604	0.4533192	0.4745838	0.4958347	0.5396313	41
81	2609098	4121454	4821584	4534172	4746818	4959327	5400084	40
82	2612437	4122434	4822564	4535152	4747798	4960307	5403855	39
83	2615776	4123414	4823544	4536132	4748778	4961287	5407626	38
84	2619115	4124394	4824524	4537112	4749758	4962267	5411397	37
85	2622454	4125374	4825504	4538092	4750738	4963247	5415168	36
86	2625793	4126354	4826484	4539072	4751718	4964227	5418939	35
87	2629132	4127334	4827464	4540052	4752698	4965207	5422710	34
88	2632471	4128314	4828444	4541032	4753678	4966187	5426481	33
89	2635810	4129294	4829424	4542012	4754658	4967167	5430252	32
90	0.2639149	0.4130274	0.4830404	0.4542992	0.4755638	0.4968147	0.5434023	31
91	2642488	4131254	4831384	4543972	4756618	4969127	5437794	30
92	2645827	4132234	4832364	4544952	4757598	4970107	5441565	29
93	2649166	4133214	4833344	4545932	4758578	4971087	5445336	28
94	2652505	4134194	4834324	4546912	4759558	4972067	5449107	27
95	2655844	4135174	4835304	4547892	4760538	4973047	5452878	26
96	2659183	4136154	4836284	4548872	4761518	4974027	5456649	25
97	2662522	4137134	4837264	4549852	4762498	4975007	5460420	24
98	2665861	4138114	4838244	4550832	4763478	4975987	5464191	23
99	2669200	4139094	4839224	4551812	4764458	4976967	5467962	22
100	0.2672539	0.4140074	0.4840204	0.4552792	0.4765438	0.4977947	0.5471733	21
101	2675878	4141054	4841184	4553772	4766418	4978927	5475504	20
102	2679217	4142034	4842164	4554752	4767398	4979907	5479275	19
103	2682556	4143014	4843144	4555732	4768378	4980887	5483046	18
104	2685895	4143994	4844124	4556712	4769358	4981867	5486817	17
105	2689234	4144974	4845104	4557692	4770338	4982847	5490588	16
106	2692573	4145954	4846084	4558672	4771318	4983827	5494359	15
107	2695912	4146934	4847064	4559652	4772298	4984807	5498130	14
108	2699251	4147914	4848044	4560632	4773278	4985787	5501901	13
109	2702590	4148894	4849024	4561612	4774258	4986767	5505672	12
110	2705929	4149874	4850004	4562592	4775238	4987747	5509443	11
111	0.2709269	0.4150874	0.4850984	0.4563572	0.4776218	0.4988727	0.5513214	10
112	2712608	4151854	4851964	4564552	4777198	4989707	5516985	9
113	2715947	4152834	4852944	4565532	4778178	4990687	5520756	8
114	2719286	4153814	4853924	4566512	4779158	4991667	5524527	7
115	2722625	4154794	4854904	4567492	4780138	4992647	5528298	6
116	2725964	4155774	4855884	4568472	4781118	4993627	5532069	5
117	2729303	4156754						

NATURAL TANGENTS.

	28°	29°	30°	31°	32°	33°	34°	
0	0.5317094	0.5545091	0.5772503	0.6008506	0.6248004	0.6491076	0.6745095	60
1	5320826	5548824	5776232	6012563	6252739	6498212	6749318	59
2	5324559	5550003	5781262	6016527	6256786	6502350	6753553	58
3	5328293	5551184	5786144	6020490	6260834	6506490	6757790	57
4	5332029	5552311	5790927	6024454	6264884	6510631	6762028	56
5	5335765	5553410	5795912	6028419	6268935	6514774	6766268	55
6	5339503	5554502	5799707	6032380	6272988	6518918	6770509	54
7	5343242	5555597	5803604	6036354	6277042	6523064	6774752	53
8	5346981	5556685	5807503	6040323	6281098	6527211	6778997	52
9	5350723	5557734	5811402	6044294	6285155	6531360	6783243	51
10	0.5354465	0.5558779	0.5815353	0.6048260	0.6289214	0.6535511	0.6787492	50
11	5358208	5559891	5819245	6052240	6293274	6539663	6791741	49
12	5361953	5560981	5823139	6056215	6297330	6543817	6795993	48
13	5365699	5562062	5827034	6060192	6301390	6547972	6800246	47
14	5369446	5563140	5830930	6064170	6305464	6552129	6804501	46
15	5373194	5564203	5834828	6068149	6309550	6556287	6808758	45
16	5376943	5565261	5838726	6072150	6313598	6560447	6813016	44
17	5380694	5566314	5842627	6076112	6317667	6564609	6817276	43
18	5384445	5567351	5846523	6080095	6321738	6568772	6821537	42
19	5388196	5568384	5850421	6084080	6325810	6572937	6825799	41
20	0.5391932	0.5569391	0.5854325	0.6088067	0.6329883	0.6577103	0.6830066	40
21	5395677	5570421	5858241	6092054	6333959	6581271	6834333	39
22	5399424	5571451	5862148	6096043	6338036	6585441	6838601	38
23	5403171	5572479	5866056	6100034	6342118	6589612	6842871	37
24	5406919	5573507	5869963	6104026	6346193	6593785	6847143	36
25	5410670	5574534	5873876	6108019	6350274	6597960	6851416	35
26	5414421	5575562	5877788	6112014	6354357	6602136	6855692	34
27	5418173	5576589	5881697	6116011	6358441	6606313	6859969	33
28	5421927	5577615	5885610	6120008	6362527	6610492	6864247	32
29	5425681	5578638	5889523	6124007	6366614	6614673	6868523	31
30	0.5429437	0.5579672	0.5893450	0.6128003	0.6370703	0.6618856	0.6872510	30
31	5433194	5580693	5897360	6132010	6374793	6622940	6876793	29
32	5436952	5581710	5901268	6136013	6378885	6627025	6881079	28
33	5440710	5582724	5905171	6140018	6382978	6631113	6885366	27
34	5444468	5583735	5909074	6144024	6387073	6635203	6889655	26
35	5448227	5584744	5912978	6148032	6391169	6639292	6893946	25
36	5451987	5585751	5916881	6152041	6395267	6643384	6898238	24
37	5455747	5586756	5920784	6156052	6399366	6647478	6902532	23
38	5459507	5587758	5924687	6160064	6403467	6651573	6906828	22
39	5463267	5588759	5928590	6164077	6407560	6655670	6911125	21
40	0.5467021	0.5589759	0.5932492	0.6168092	0.6411673	0.6659769	0.6915425	20
41	5470782	5590754	5936392	6172108	6415779	6663869	6919726	19
42	5474543	5591749	5940293	6176125	6419885	6667971	6924028	18
43	5478304	5592741	5944194	6180145	6423994	6672074	6928331	17
44	5482065	5593732	5948097	6184166	6428105	6676179	6932635	16
45	5485826	5594721	5951997	6188188	6432216	6680286	6936940	15
46	5489587	5595709	5955898	6192211	6436329	6684395	6941245	14
47	5493348	5596695	5959799	6196236	6440444	6688505	6945551	13
48	5497109	5597679	5963699	6200263	6444560	6692617	6949858	12
49	5500870	5598662	5967599	6204291	6448678	6696730	6954166	11
50	0.5504625	0.5599643	0.5971498	0.6208320	0.6452797	0.6702845	0.6958473	10
51	5508386	5600624	5975399	6212351	6456918	6706961	6962781	9
52	5512147	5601603	5979299	6216383	6461041	6711079	6967091	8
53	5515908	5602581	5983199	6220417	6465165	6715200	6971401	7
54	5519669	5603559	5987099	6224452	6469290	6719321	6975711	6
55	5523430	5604536	5990999	6228488	6473417	6723444	6980022	5
56	5527191	5605512	5994899	6232527	6477546	6727569	6984333	4
57	5530952	5606487	5998799	6236567	6481676	6731696	6988644	3
58	5534713	5607461	6002699	6240607	6485808	6735824	6992955	2
59	5538474	5608434	6006599	6244650	6489941	6740054	6997266	1
60	0.5542231	0.5609403	0.6010500	0.6248694	0.6494076	0.6744285	0.7002075	0
	61°	60°	59°	58°	57°	56°	55°	

NATURAL TANGENTS.

	35°	36°	37°	38°	39°	40°	41°	
0	0.7007075	0.7265425	0.7535541	0.7812356	0.809340	0.8378006	0.8666267	80
1	0.006411	0.0069871	0.00750102	0.0080542	0.0086468	0.0092795	0.0099526	81
2	0.010749	0.0114219	0.0121439	0.0129159	0.0137287	0.0145823	0.0154767	82
3	0.0150869	0.0158707	0.0167022	0.0175823	0.0185111	0.0194896	0.0205178	83
4	0.019430	0.0203118	0.0212339	0.0222061	0.0232284	0.0243008	0.0254233	84
5	0.023773	0.024871	0.0259969	0.0271506	0.0283423	0.0295721	0.0308400	85
6	0.028115	0.0293125	0.0305441	0.0318102	0.0331111	0.0344468	0.0358173	86
7	0.032464	0.0337582	0.0350914	0.0364641	0.0378763	0.0393280	0.0408193	87
8	0.036813	0.0382104	0.0396469	0.0411229	0.0426384	0.0441935	0.0457882	88
9	0.041163	0.0426551	0.0441868	0.0457585	0.0473702	0.0490219	0.0507136	89
10	0.045515	0.0470963	0.0487148	0.0503708	0.0520643	0.0537953	0.0555638	90
11	0.049869	0.0514429	0.0530582	0.0547151	0.0564136	0.0581537	0.0599354	91
12	0.054224	0.0557984	0.0574143	0.0590722	0.0607731	0.0625170	0.0643039	92
13	0.058581	0.0601561	0.0617829	0.0634614	0.0651916	0.0669735	0.0688072	93
14	0.062934	0.0645104	0.0661382	0.0678177	0.0695489	0.0713318	0.0731665	94
15	0.067291	0.0688680	0.0704967	0.0721771	0.0739092	0.0756930	0.0775285	95
16	0.071644	0.0732213	0.0748509	0.0765332	0.0782681	0.0800556	0.0818957	96
17	0.075997	0.0775746	0.0792042	0.0808865	0.0826214	0.0844089	0.0862490	97
18	0.080350	0.0819269	0.0835573	0.0852412	0.0869786	0.0887695	0.0906139	98
19	0.084703	0.0862802	0.0879098	0.0895921	0.0913270	0.0930145	0.0947546	99
20	0.089056	0.0906329	0.0922625	0.0939458	0.0956827	0.0974731	0.0992160	100
21	0.093409	0.0949852	0.0966148	0.0982979	0.1000346	0.1018249	0.1036688	101
22	0.097762	0.0993382	0.1009678	0.1026509	0.1043876	0.1061779	0.1079718	102
23	0.102115	0.1036912	0.1053208	0.1069939	0.1087105	0.1104706	0.1122742	103
24	0.106468	0.1080440	0.1096736	0.1113567	0.1130933	0.1148834	0.1167270	104
25	0.110821	0.1123963	0.1140259	0.1157090	0.1174456	0.1192357	0.1210793	105
26	0.115174	0.1167496	0.1183792	0.1200623	0.1217989	0.1235890	0.1254326	106
27	0.119527	0.1211028	0.1227324	0.1244155	0.1261521	0.1279422	0.1297858	107
28	0.123880	0.1254552	0.1270848	0.1287679	0.1305045	0.1322946	0.1341382	108
29	0.128233	0.1298085	0.1314381	0.1331212	0.1348578	0.1366479	0.1384915	109
30	0.132586	0.1341612	0.1357908	0.1374739	0.1392105	0.1409506	0.1427442	110
31	0.136939	0.1385145	0.1401441	0.1418272	0.1435638	0.1453539	0.1471975	111
32	0.141292	0.1428678	0.1444974	0.1461805	0.1479171	0.1497072	0.1515508	112
33	0.145645	0.1472206	0.1488502	0.1505333	0.1522709	0.1540620	0.1559066	113
34	0.150000	0.1515752	0.1532048	0.1548879	0.1566245	0.1584146	0.1602582	114
35	0.154353	0.1559285	0.1575581	0.1592412	0.1609778	0.1627679	0.1646115	115
36	0.158706	0.1602812	0.1619108	0.1635939	0.1653305	0.1671206	0.1689642	116
37	0.163059	0.1646346	0.1662642	0.1679473	0.1696839	0.1714740	0.1733176	117
38	0.167412	0.1689878	0.1706174	0.1722905	0.1740171	0.1757972	0.1776308	118
39	0.171765	0.1733406	0.1749702	0.1766533	0.1783899	0.1801800	0.1819736	119
40	0.176118	0.1776934	0.1793230	0.1809961	0.1827127	0.1844828	0.1863064	120
41	0.180471	0.1820467	0.1836763	0.1853594	0.1870960	0.1888861	0.1907297	121
42	0.184824	0.1864000	0.1880296	0.1897027	0.1914193	0.1931794	0.1949830	122
43	0.189177	0.1907528	0.1923824	0.1940555	0.1957721	0.1975322	0.1993358	123
44	0.193530	0.1951056	0.1967352	0.1984083	0.2001249	0.2018850	0.2036896	124
45	0.197883	0.1994584	0.2010880	0.2027611	0.2044777	0.2062378	0.2080414	125
46	0.202236	0.2038116	0.2054412	0.2071143	0.2088309	0.2105910	0.2123956	126
47	0.206589	0.2081646	0.2097942	0.2114673	0.2131839	0.2149440	0.2167486	127
48	0.210942	0.2125178	0.2141474	0.2158205	0.2175371	0.2192972	0.2211018	128
49	0.215295	0.2168706	0.2184902	0.2201533	0.2218699	0.2236300	0.2254346	129
50	0.219648	0.2212234	0.2228530	0.2245261	0.2262427	0.2280028	0.2298074	130
51	0.224001	0.2255766	0.2272062	0.2288793	0.2305959	0.2323560	0.2341606	131
52	0.228354	0.2299296	0.2315592	0.2332323	0.2349489	0.2367090	0.2385136	132
53	0.232707	0.2342822	0.2359118	0.2375849	0.2393015	0.2410616	0.2428662	133
54	0.237060	0.2386356	0.2402652	0.2419383	0.2436549	0.2454150	0.2472196	134
55	0.241413	0.2429886	0.2446182	0.2462913	0.2479979	0.2497480	0.2515426	135
56	0.245766	0.2473416	0.2489712	0.2506443	0.2523609	0.2541210	0.2559256	136
57	0.250119	0.2516946	0.2533242	0.2549973	0.2567139	0.2584740	0.2602786	137
58	0.254472	0.2560478	0.2576774	0.2593505	0.2610671	0.2628272	0.2646318	138
59	0.258825	0.2604006	0.2620302	0.2637033	0.2654199	0.2671800	0.2689846	139
60	0.263178	0.2647534	0.2663830	0.2680561	0.2697727	0.2715328	0.2733374	140
61	0.267531	0.2691066	0.2707362	0.2724093	0.2741259	0.2758860	0.2776906	141
62	0.271884	0.2734596	0.2750892	0.2767623	0.2784789	0.2802390	0.2820436	142
63	0.276237	0.2778128	0.2794424	0.2811155	0.2828321	0.2845922	0.2863968	143
64	0.280590	0.2821656	0.2837952	0.2854683	0.2871849	0.2889450	0.2907496	144
65	0.284943	0.2865186	0.2881482	0.2898213	0.2915379	0.2932980	0.2951026	145
66	0.289296	0.2908716	0.2925012	0.2941743	0.2958909	0.2976510	0.2994556	146
67	0.293649	0.2952246	0.2968542	0.2985273	0.3002439	0.3019940	0.3037886	147
68	0.298002	0.2995776	0.3012072	0.3028803	0.3045969	0.3063570	0.3081616	148
69	0.302355	0.3039306	0.3055602	0.3072333	0.3089499	0.3107100	0.3125146	149
70	0.306708	0.3082834	0.3099130	0.3115861	0.3133027	0.3150628	0.3168674	150
71	0.311061	0.3126366	0.3142662	0.3159393	0.3176559	0.3194160	0.3212206	151
72	0.315414	0.3169896	0.3186192	0.3202923	0.3220089	0.3237690	0.3255736	152
73	0.319767	0.3213426	0.3229722	0.3246453	0.3263619	0.3281220	0.3299266	153
74	0.324120	0.3256956	0.3273252	0.3289983	0.3307149	0.3324750	0.3342796	154
75	0.328473	0.3300486	0.3316782	0.3333513	0.3350679	0.3368280	0.3386326	155
76	0.332826	0.3344016	0.3360312	0.3377043	0.3394209	0.3411810	0.3429856	156
77	0.337179	0.3387546	0.3403842	0.3420573	0.3437739	0.3455340	0.3473386	157
78	0.341532	0.3431076	0.3447372	0.3464103	0.3481269	0.3498870	0.3516916	158
79	0.345885	0.3474606	0.3490902	0.3507633	0.3524799	0.3542390	0.3560426	159
80	0.350238	0.3518136	0.3534432	0.3551163	0.3568329	0.3585930	0.3603976	160

NATURAL TANGENTS.

	42°	43°	44°	45°	46°	47°	48°	
0	0.9934040	0.9625151	0.9656888	1.0000000	1.0355503	1.0723687	1.1106125	60
1	0.9933209	0.9625591	0.9625511	1.0005319	1.0351323	1.0729343	1.1112624	59
2	0.9932450	0.9626034	0.963137	1.0011642	1.0347267	1.0735203	1.1119127	58
3	0.9931751	0.9626479	0.963767	1.0017469	1.0343401	1.0741267	1.1125635	57
4	0.9931111	0.9626928	0.9643929	1.0023293	1.0339445	1.0747574	1.1132146	56
5	0.9930411	0.9627380	0.965035	1.0029131	1.0335489	1.0754003	1.1138662	55
6	0.9929753	0.9627834	0.9656774	1.0034968	1.0331533	1.0760522	1.1145182	54
7	0.9929179	0.9628292	0.9663316	1.0040807	1.0327589	1.0767161	1.1151703	53
8	0.9928607	0.9628753	0.9701962	1.0046651	1.0403645	1.0773915	1.1158225	52
9	0.9928057	0.974216	0.9707610	1.0052497	1.0409704	1.0780132	1.1164738	51
10	0.9927531	0.9796853	0.9713262	1.0058318	1.0415767	1.0786423	1.1171250	50
11	0.9927147	0.985153	0.9718917	1.0064201	1.0421833	1.0792718	1.1177846	49
12	0.9926746	0.990625	0.9724575	1.0070068	1.0427904	1.0799018	1.1184591	48
13	0.9926374	0.996101	0.9730236	1.0075918	1.0433977	1.0805321	1.1191341	47
14	0.9926033	0.901670	0.9735901	1.0081782	1.0440055	1.0811628	1.1197493	46
15	0.9925730	0.907061	0.9741660	1.0087649	1.0446150	1.0817922	1.1204033	45
16	0.9925471	0.912545	0.9747240	1.0093520	1.0452221	1.0824254	1.1210616	44
17	0.9925234	0.918033	0.9752914	1.0099394	1.0458310	1.0830573	1.1217183	43
18	0.9925000	0.923523	0.9758591	1.0105272	1.0464402	1.0836890	1.1223742	42
19	0.9924769	0.929017	0.9764272	1.0111153	1.0470498	1.0843223	1.1230329	41
20	0.9924540	0.934513	0.9769956	1.0117038	1.0476593	1.0849554	1.1236909	40
21	0.9924315	0.940013	0.9775643	1.0122925	1.0482702	1.0855889	1.1243493	39
22	0.9924092	0.945516	0.9781333	1.0128817	1.0488809	1.0862223	1.1250081	38
23	0.9923872	0.951021	0.9787027	1.0134712	1.0494920	1.0868571	1.1256674	37
24	0.9923655	0.956530	0.9792724	1.0140610	1.0501034	1.0874918	1.1263272	36
25	0.9923439	0.962042	0.9798424	1.0146512	1.0507153	1.0881269	1.1269873	35
26	0.9923225	0.967556	0.9804127	1.0152418	1.0513275	1.0887624	1.1276478	34
27	0.9923012	0.973074	0.9809833	1.0158326	1.0519401	1.0893934	1.1283088	33
28	0.9922800	0.978595	0.9815543	1.0164239	1.0525531	1.0900247	1.1289702	32
29	0.9922589	0.984119	0.9821259	1.0170155	1.0531664	1.0906574	1.1296321	31
30	0.9922379	0.989646	0.9826973	1.0176074	1.0537801	1.0912905	1.1302944	30
31	0.9922170	0.995176	0.9832692	1.0181997	1.0543942	1.0919240	1.1309571	29
32	0.9921962	0.995709	0.9838415	1.0187923	1.0550087	1.0925584	1.1316203	28
33	0.9921755	0.996245	0.9844141	1.0193853	1.0556235	1.0931923	1.1322839	27
34	0.9921548	0.996784	0.9849871	1.0199786	1.0562388	1.0938261	1.1329479	26
35	0.9921341	0.997326	0.9855603	1.0205723	1.0568544	1.0944602	1.1336124	25
36	0.9921135	0.997871	0.9861329	1.0211664	1.0574704	1.0950947	1.1342773	24
37	0.9920930	0.998419	0.9867079	1.0217608	1.0580867	1.0957297	1.1349427	23
38	0.9920725	0.998971	0.9872821	1.0223555	1.0587035	1.0963651	1.1356085	22
39	0.9920520	0.999526	0.9878567	1.0229506	1.0593206	1.0970009	1.1362747	21
40	0.9920315	0.995083	0.9884316	1.0235461	1.0599381	1.0976370	1.1369414	20
41	0.9920110	0.995644	0.9890069	1.0241419	1.0605560	1.0982743	1.1376086	19
42	0.9919905	0.996208	0.9895825	1.0247381	1.0611742	1.0989117	1.1382761	18
43	0.9919700	0.996774	0.9901584	1.0253346	1.0617929	1.0995491	1.1389441	17
44	0.9919495	0.997344	0.9907346	1.0259316	1.0624119	1.1001869	1.1396126	16
45	0.9919290	0.997917	0.9913112	1.0265287	1.0630313	1.1008251	1.1402815	15
46	0.9919085	0.998494	0.9918881	1.0271263	1.0636511	1.1014637	1.1409508	14
47	0.9918880	0.999073	0.9924654	1.0277243	1.0642713	1.1021019	1.1416206	13
48	0.9918675	0.999655	0.9930429	1.0283226	1.0648918	1.1027403	1.1422908	12
49	0.9918470	0.999231	0.9936206	1.0289212	1.0655128	1.1033791	1.1429615	11
50	0.9918265	0.999802	0.9941991	1.0295203	1.0661341	1.1040185	1.1436326	10
51	0.9918060	0.999378	0.9947777	1.0301196	1.0667555	1.1046583	1.1443041	9
52	0.9917855	0.999956	0.9953566	1.0307194	1.0673779	1.1052984	1.1449762	8
53	0.9917650	0.999534	0.9959358	1.0313195	1.0679994	1.1059389	1.1456488	7
54	0.9917445	0.999113	0.9965154	1.0319199	1.0686213	1.1065799	1.1463215	6
55	0.9917240	0.998693	0.9970953	1.0325203	1.0692436	1.1072203	1.1469949	5
56	0.9917035	0.998274	0.9976754	1.0331210	1.0698662	1.1078611	1.1476687	4
57	0.9916830	0.997856	0.9982561	1.0337215	1.0704893	1.1085023	1.1483429	3
58	0.9916625	0.997438	0.9988371	1.0343224	1.0711187	1.1091439	1.1490176	2
59	0.9916420	0.997021	0.9994184	1.0349237	1.0717485	1.1097859	1.1496928	1
60	0.9916215	0.996603	1.0000000	1.0355253	1.0723887	1.1104285	1.1503684	0
	47°	46°	45°	44°	43°	42°	41°	

NATURAL TANGENTS.

	49°	50°	51°	52°	53°	54°	55°	
0	1.7502684	1.1917556	1.2348973	1.2790416	1.3270443	1.3763819	1.4281490	60
1	1.1510445	1.1924579	1.2356319	1.2807094	1.3278483	1.3772142	1.4307136	59
2	1.1517210	1.1931626	1.2363972	1.2814776	1.3286524	1.3780072	1.4313178	58
3	1.1523979	1.1938679	1.2371630	1.2822465	1.3294571	1.3787910	1.4319209	57
4	1.1530754	1.1945736	1.2379303	1.2830160	1.3302624	1.3795751	1.4325236	56
5	1.1537532	1.1952799	1.2386976	1.2837860	1.3310684	1.3803601	1.4331258	55
6	1.1544316	1.1959866	1.2394656	1.2845566	1.3318750	1.3811458	1.4337276	54
7	1.1551104	1.1966933	1.2402351	1.2853277	1.3326822	1.3819292	1.4343284	53
8	1.1557896	1.1974015	1.2410060	1.2860995	1.3334900	1.3827124	1.4349281	52
9	1.1564693	1.1981097	1.2417782	1.2868718	1.3342994	1.3834952	1.4355268	51
10	1.1571495	1.1988184	1.2425525	1.2876447	1.3351075	1.3842785	1.4361250	50
11	1.1578301	1.1995276	1.2433286	1.2884182	1.3359172	1.3850614	1.4367227	49
12	1.1585112	1.2002373	1.2441042	1.2891922	1.3367276	1.3858442	1.4373199	48
13	1.1591927	1.2009476	1.2448803	1.2899669	1.3375385	1.3866267	1.4379166	47
14	1.1598747	1.2016581	1.2456569	1.2907421	1.3383502	1.3874089	1.4385128	46
15	1.1605571	1.2023690	1.2464342	1.2915179	1.3391624	1.3881907	1.4391085	45
16	1.1612400	1.2030810	1.2472120	1.2922943	1.3399753	1.3889722	1.4397037	44
17	1.1619234	1.2037932	1.2479902	1.2930713	1.3407888	1.3897534	1.4402984	43
18	1.1626073	1.2045066	1.2487689	1.2938488	1.3416029	1.3905343	1.4408926	42
19	1.1632916	1.2052210	1.2495484	1.2946270	1.3424177	1.3913149	1.4414863	41
20	1.1639763	1.2059327	1.2503283	1.2954067	1.3432331	1.3920951	1.4420795	40
21	1.1646613	1.2066468	1.2511083	1.2961850	1.3440484	1.3928750	1.4426722	39
22	1.1653467	1.2073613	1.2518883	1.2969649	1.3448638	1.3936545	1.4432644	38
23	1.1660324	1.2080767	1.2526683	1.2977454	1.3456792	1.3944337	1.4438561	37
24	1.1667187	1.2087924	1.2534483	1.2985265	1.3464941	1.3952126	1.4444473	36
25	1.1674050	1.2095085	1.2542283	1.2993081	1.3473098	1.3959912	1.4450380	35
26	1.1680917	1.2102252	1.2550083	1.3000904	1.3481250	1.3967695	1.4456282	34
27	1.1687787	1.2109424	1.2557883	1.3008733	1.3489402	1.3975475	1.4462179	33
28	1.1694661	1.2116601	1.2565683	1.3016567	1.3497554	1.3983252	1.4468071	32
29	1.1701539	1.2123783	1.2573483	1.3024407	1.3505706	1.3991026	1.4473958	31
30	1.1708420	1.2130970	1.2581283	1.3032254	1.3513854	1.4000000	1.4480000	30
31	1.1715303	1.2138162	1.2589083	1.3040106	1.3522000	1.4008975	1.4486031	29
32	1.1722189	1.2145359	1.2596883	1.3047964	1.3530250	1.4017950	1.4492056	28
33	1.1729077	1.2152562	1.2604683	1.3055829	1.3538500	1.4026925	1.4498071	27
34	1.1735967	1.2159769	1.2612483	1.3063690	1.3546750	1.4035900	1.4504086	26
35	1.1742859	1.2166982	1.2620283	1.3071576	1.3555000	1.4044875	1.4510091	25
36	1.1749753	1.2174199	1.2628083	1.3079467	1.3563250	1.4053850	1.4516096	24
37	1.1756649	1.2181421	1.2635883	1.3087365	1.3571500	1.4062825	1.4522091	23
38	1.1763547	1.2188648	1.2643683	1.3095269	1.3579750	1.4071800	1.4528086	22
39	1.1770447	1.2195883	1.2651483	1.3103180	1.3588000	1.4080775	1.4534081	21
40	1.1777349	1.2203121	1.2659283	1.3111096	1.3596250	1.4089750	1.4540076	20
41	1.1784253	1.2210364	1.2667083	1.3119018	1.3604500	1.4098725	1.4546071	19
42	1.1791159	1.2217613	1.2674883	1.3126946	1.3612750	1.4107700	1.4552066	18
43	1.1798067	1.2224866	1.2682683	1.3134879	1.3621000	1.4116675	1.4558061	17
44	1.1804977	1.2232125	1.2690483	1.3142819	1.3629250	1.4125650	1.4564056	16
45	1.1811889	1.2239389	1.2698283	1.3150764	1.3637500	1.4134625	1.4570051	15
46	1.1818803	1.2246658	1.2706083	1.3158710	1.3645750	1.4143600	1.4576046	14
47	1.1825719	1.2253932	1.2713883	1.3166660	1.3654000	1.4152575	1.4582041	13
48	1.1832637	1.2261211	1.2721683	1.3174613	1.3662250	1.4161550	1.4588036	12
49	1.1839557	1.2268496	1.2729483	1.3182574	1.3670500	1.4170525	1.4594031	11
50	1.1846479	1.2275786	1.2737283	1.3190541	1.3678750	1.4179500	1.4599976	10
51	1.1853403	1.2283081	1.2745083	1.3198514	1.3687000	1.4188475	1.4605971	9
52	1.1860329	1.2290381	1.2752883	1.3206494	1.3695250	1.4197450	1.4611966	8
53	1.1867257	1.2297687	1.2760683	1.3214479	1.3703500	1.4206425	1.4617961	7
54	1.1874187	1.2304997	1.2768483	1.3222460	1.3711750	1.4215400	1.4623956	6
55	1.1881119	1.2312313	1.2776283	1.3230446	1.3720000	1.4224375	1.4629951	5
56	1.1888053	1.2319634	1.2784083	1.3238437	1.3728250	1.4233350	1.4635946	4
57	1.1894989	1.2326961	1.2791883	1.3246432	1.3736500	1.4242325	1.4641941	3
58	1.1901927	1.2334292	1.2799683	1.3254432	1.3744750	1.4251300	1.4647936	2
59	1.1908867	1.2341629	1.2807483	1.3262437	1.3753000	1.4260275	1.4653931	1
60	1.1915809	1.2348972	1.2815283	1.3270446	1.3761250	1.4269250	1.4659926	0

NATURAL TANGENTS.

	56°	57°	58°	59°	60°	61°	62°	
0	1.4822610	1.4829650	1.6003345	1.6642705	1.7320509	1.8010478	1.8807265	60
1	1.4834910	1.4840460	1.6013709	1.6653766	1.7332149	1.8012860	1.8820470	59
2	1.4844431	1.4848280	1.6024062	1.6664743	1.7343803	1.8025256	1.8833090	58
3	1.4853554	1.4856103	1.6034465	1.6675741	1.7355463	1.8037664	1.8845824	57
4	1.4862284	1.4864794	1.6044858	1.6686744	1.7367144	1.8050068	1.8858612	56
5	1.4870723	1.4872702	1.6055280	1.6697748	1.7378833	1.8102521	1.8871436	55
6	1.4878870	1.4880747	1.6065672	1.6708782	1.7390533	1.8114969	1.8884271	54
7	1.4886925	1.4888750	1.6076094	1.6719818	1.7402245	1.8127430	1.8897126	53
8	1.4894988	1.4896783	1.6086525	1.6730864	1.7413969	1.8139904	1.8910000	52
9	1.4902969	1.4904734	1.6096966	1.6741921	1.7425705	1.8152391	1.8922893	51
10	1.4910939	1.4912715	1.6107417	1.6752938	1.7437453	1.8164892	1.8935807	50
11	1.4918926	1.4920704	1.6117878	1.6764007	1.7449213	1.8177405	1.8948732	49
12	1.4926922	1.4928703	1.6128340	1.6775156	1.7460984	1.8189932	1.8961668	48
13	1.4934925	1.4936708	1.6138829	1.6786256	1.7472768	1.8202473	1.8974616	47
14	1.4942937	1.4944722	1.6149320	1.6797367	1.7484564	1.8215020	1.8987574	46
15	1.4950953	1.4952741	1.6159820	1.6808439	1.7496371	1.8227593	1.9000544	45
16	1.4958974	1.4960765	1.6170330	1.6819621	1.7508191	1.8240173	1.9013529	44
17	1.4966993	1.4968788	1.6180850	1.6830765	1.7520023	1.8252767	1.9026513	43
18	1.4975017	1.4976816	1.6191380	1.6841919	1.7531866	1.8265374	1.9039506	42
19	1.4983042	1.4984844	1.6201920	1.6853085	1.7543722	1.8277994	1.9052506	41
20	1.4991069	1.4992874	1.6212469	1.6864261	1.7555590	1.8290628	1.9065514	40
21	1.4999097	1.5000904	1.6223029	1.6875449	1.7567470	1.8303276	1.9078527	39
22	1.5007128	1.5008938	1.6233609	1.6886647	1.7579362	1.8315938	1.9091546	38
23	1.5015161	1.5016974	1.6244178	1.6897856	1.7591267	1.8328610	1.9104571	37
24	1.5023196	1.5025013	1.6254763	1.6909077	1.7603183	1.8341297	1.9117603	36
25	1.5031233	1.5033054	1.6265368	1.6920303	1.7615112	1.8353999	1.9130641	35
26	1.5039272	1.5041097	1.6275977	1.6931550	1.7627053	1.8366713	1.9143687	34
27	1.5047313	1.5049142	1.6286607	1.6942804	1.7639007	1.8379442	1.9156740	33
28	1.5055356	1.5057189	1.6297257	1.6954060	1.7650972	1.8392184	1.9169800	32
29	1.5063401	1.5065238	1.6307927	1.6965334	1.7662950	1.8404940	1.9182867	31
30	1.5071448	1.5073289	1.6318617	1.6976631	1.7674940	1.8417700	1.9195941	30
31	1.5079497	1.5081342	1.6329327	1.6987929	1.7686943	1.8430462	1.9208922	29
32	1.5087548	1.5089397	1.6340057	1.6999239	1.7698950	1.8443239	1.9221909	28
33	1.5095601	1.5097454	1.6350807	1.7010559	1.7710965	1.8456029	1.9234891	27
34	1.5103656	1.5105513	1.6361578	1.7021890	1.7722984	1.8468823	1.9247876	26
35	1.5111713	1.5113574	1.6372369	1.7033223	1.7735007	1.8481621	1.9260863	25
36	1.5119772	1.5121637	1.6383180	1.7044557	1.7747141	1.8494423	1.9273852	24
37	1.5127833	1.5129702	1.6394011	1.7055893	1.7759278	1.8507229	1.9286843	23
38	1.5135896	1.5137769	1.6404862	1.7067239	1.7771418	1.8520029	1.9299836	22
39	1.5143961	1.5145838	1.6415724	1.7078577	1.7783560	1.8532832	1.9312831	21
40	1.5152028	1.5153909	1.6426596	1.7090016	1.7795704	1.8545639	1.9325828	20
41	1.5160097	1.5161982	1.6437478	1.7101527	1.7807851	1.8558449	1.9338826	19
42	1.5168168	1.5170057	1.6448361	1.7113042	1.7819999	1.8571261	1.9351826	18
43	1.5176241	1.5178134	1.6459254	1.7124562	1.7832149	1.8584076	1.9364828	17
44	1.5184316	1.5186213	1.6470157	1.7136087	1.7844307	1.8596892	1.9377831	16
45	1.5192393	1.5194294	1.6481070	1.7147617	1.7856465	1.8609709	1.9390836	15
46	1.5200472	1.5202377	1.6492004	1.7159151	1.7868625	1.8622529	1.9403843	14
47	1.5208553	1.5210462	1.6502949	1.7170689	1.7880787	1.8635350	1.9416851	13
48	1.5216636	1.5218549	1.6513903	1.7182230	1.7892950	1.8648173	1.9429860	12
49	1.5224721	1.5226638	1.6524867	1.7193774	1.7905114	1.8661000	1.9442871	11
50	1.5232808	1.5234729	1.6535841	1.7205321	1.7917282	1.8673829	1.9455883	10
51	1.5240897	1.5242822	1.6546825	1.7216870	1.7929451	1.8686661	1.9468896	9
52	1.5248988	1.5250917	1.6557819	1.7228421	1.7941621	1.8699495	1.9481911	8
53	1.5257081	1.5259014	1.6568824	1.7239974	1.7953792	1.8712331	1.9494927	7
54	1.5265176	1.5267113	1.6579839	1.7251529	1.7965964	1.8725143	1.9507944	6
55	1.5273273	1.5275214	1.6590864	1.7263086	1.7978137	1.8737956	1.9520961	5
56	1.5281372	1.5283317	1.6601900	1.7274644	1.7990311	1.8750771	1.9533979	4
57	1.5289473	1.5291422	1.6612946	1.7286204	1.8002486	1.8763587	1.9546998	3
58	1.5297576	1.5299529	1.6624002	1.7297765	1.8014662	1.8776404	1.9559998	2
59	1.5305681	1.5307638	1.6635068	1.7309327	1.8026839	1.8789222	1.9572999	1
60	1.5313788	1.5315749	1.6646144	1.7320890	1.8039017	1.8802041	1.9585999	0
	33°	32°	31°	30°	29°	28°	27°	

NATURAL TANGENTS.

	63°	64°	65°	66°	67°	68°	69°	
1	1.0655106	2.0500053	2.1445069	2.2460988	2.3585824	2.4760800	2.6050691	60
2	1.0640227	2.0518145	2.1461366	2.2477962	2.3577500	2.4771612	2.6073558	59
3	1.0625364	2.0533349	2.1477833	2.2495580	2.3590683	2.4792386	2.6096530	58
4	1.0610518	2.0548531	2.1494021	2.2514221	2.3615801	2.4813190	2.6118995	57
5	1.0595688	2.0563732	2.1510378	2.2530855	2.3640496	2.4834023	2.6141766	56
6	1.0580874	2.0578960	2.1526707	2.2548572	2.3665118	2.4854887	2.6164871	55
7	1.0566077	2.0594187	2.1543186	2.2566283	2.3689736	2.4875781	2.6187411	54
8	1.0551296	2.0609442	2.1559875	2.2584016	2.3714354	2.4896706	2.6210280	53
9	1.0536531	2.0624716	2.1576615	2.2601773	2.3738971	2.4917660	2.6233196	52
10	1.0521782	2.0640003	2.1592476	2.2619554	2.3763588	2.4938645	2.6256141	51
11	1.0507050	2.0655315	2.1608365	2.2637357	2.3788207	2.4959661	2.6279121	50
12	1.0492334	2.0670646	2.1625460	2.2655184	2.3812973	2.4980707	2.6302136	49
13	1.0477635	2.0685994	2.1641103	2.2673035	2.3837680	2.5001784	2.6325186	48
14	1.0462952	2.0701359	2.1656525	2.2690909	2.3862444	2.5022891	2.6348271	47
15	1.0448286	2.0716743	2.1673091	2.2708807	2.3887255	2.5044029	2.6371392	46
16	1.0433636	2.0732146	2.1689677	2.2726729	2.3912102	2.5065198	2.6394549	45
17	1.0419003	2.0747567	2.1706283	2.2744674	2.3936978	2.5086398	2.6417741	44
18	1.0404387	2.0763007	2.1722911	2.2762643	2.3961890	2.5107629	2.6440969	43
19	1.0389787	2.0778465	2.1739559	2.2780630	2.3986846	2.5128890	2.6464232	42
20	1.0375204	2.0793945	2.1756229	2.2798653	2.3991807	2.5150183	2.6487531	41
21	1.0360637	2.0809439	2.1772929	2.2816693	2.3996789	2.5171507	2.6510867	40
22	1.0346087	2.0824953	2.1789631	2.2834758	2.3996440	2.5192863	2.6534238	39
23	1.0331554	2.0840487	2.1806364	2.2852846	2.4001418	2.5214219	2.6557645	38
24	1.0317038	2.0856039	2.1823119	2.2870959	2.4006374	2.5235567	2.6581080	37
25	1.0302539	2.0871610	2.1839894	2.2889096	2.4011357	2.5256917	2.6604569	36
26	1.0288056	2.0887200	2.1856691	2.2907257	2.4016368	2.5278269	2.6628095	35
27	1.0273589	2.0902809	2.1873510	2.2925442	2.4021390	2.5300111	2.6651638	34
28	1.0259138	2.0918437	2.1890349	2.2943651	2.4026432	2.5321955	2.6675207	33
29	1.0244693	2.0934085	2.1907210	2.2961885	2.4031493	2.5343801	2.6698803	32
30	1.0230254	2.0949761	2.1924093	2.2980143	2.4036574	2.5365649	2.6722428	31
31	1.0215821	2.0965456	2.1940997	2.2998425	2.4041675	2.5387500	2.6746081	30
32	1.0201394	2.0981166	2.1957922	2.3016732	2.4046796	2.5409351	2.6769761	29
33	1.0186973	2.0996884	2.1974867	2.3035064	2.4051937	2.5431203	2.6793478	28
34	1.0172558	2.1012627	2.1991834	2.3053420	2.4057098	2.5453055	2.6817233	27
35	1.0158147	2.1028399	2.2008821	2.3071801	2.4062279	2.5474907	2.6841028	26
36	1.0143741	2.1044190	2.2025829	2.3090230	2.4067480	2.5496759	2.6864863	25
37	1.0129340	2.1060001	2.2042858	2.3108687	2.4072701	2.5518611	2.6888738	24
38	1.0114944	2.1075832	2.2059907	2.3127172	2.4077942	2.5540463	2.6912653	23
39	1.0100553	2.1091683	2.2076976	2.3145685	2.4083203	2.5562315	2.6936608	22
40	1.0086167	2.1107554	2.2094065	2.3164226	2.4088484	2.5584167	2.6960603	21
41	1.0071786	2.1123445	2.2111174	2.3182795	2.4093785	2.5606019	2.6984638	20
42	1.0057410	2.1139356	2.2128303	2.3201392	2.4100106	2.5627871	2.7008713	19
43	1.0043039	2.1155287	2.2145451	2.3219917	2.4106447	2.5649723	2.7032828	18
44	1.0028673	2.1171238	2.2162619	2.3238470	2.4112808	2.5671575	2.7056983	17
45	1.0014312	2.1187209	2.2179807	2.3257041	2.4119189	2.5693427	2.7081178	16
46	1.0000000	2.1203200	2.2197015	2.3275639	2.4125590	2.5715279	2.7105413	15
47	0.9985647	2.1219211	2.2214243	2.3294264	2.4132011	2.5737131	2.7129688	14
48	0.9971300	2.1235242	2.2231491	2.3312916	2.4138452	2.5758983	2.7154013	13
49	0.9956957	2.1251293	2.2248759	2.3331591	2.4144913	2.5780835	2.7178388	12
50	0.9942619	2.1267364	2.2266047	2.3350292	2.4151394	2.5802687	2.7202813	11
51	0.9928286	2.1283455	2.2283365	2.3369017	2.4157895	2.5824539	2.7227288	10
52	0.9913958	2.1299566	2.2300713	2.3387768	2.4164416	2.5846391	2.7251813	9
53	0.9899635	2.1315697	2.2318081	2.3406543	2.4170957	2.5868243	2.7276388	8
54	0.9885317	2.1331848	2.2335479	2.3425344	2.4177518	2.5890095	2.7301013	7
55	0.9871004	2.1348019	2.2352904	2.3444170	2.4184099	2.5911947	2.7325688	6
56	0.9856696	2.1364210	2.2370355	2.3463021	2.4190700	2.5933799	2.7350413	5
57	0.9842393	2.1380421	2.2387830	2.3481896	2.4197321	2.5955651	2.7375188	4
58	0.9828095	2.1396652	2.2405329	2.3500797	2.4203962	2.5977503	2.7400013	3
59	0.9813802	2.1412903	2.2422854	2.3519722	2.4210623	2.5999355	2.7424888	2
60	0.9800000	2.1429174	2.2440405	2.3538673	2.4217304	2.6021207	2.7449813	1
61	0.9785707	2.1445465	2.2457980	2.3557648	2.4224005	2.6043059	2.7474788	0

NATURAL TANGENTS.

	70°	71°	72°	73°	74°	75°	76°	
0	2.7474774	2.9012100	3.0776335	3.2705526	3.4574144	3.7320508	4.0107800	60
1	2.7494661	2.9020570	3.0807325	3.2712583	3.4612470	3.7363930	4.0157670	59
2	2.7514538	2.9029039	3.0837863	3.2717715	3.4650874	3.7407546	4.0207440	58
3	2.7534404	2.9124649	3.0868463	3.2710907	3.4689356	3.7451207	4.0257440	57
4	2.7554261	2.9152256	3.0899122	3.2745164	3.4727916	3.7494903	4.0307550	56
5	2.7574103	2.9179909	3.0929831	3.279487	3.4766555	3.7538816	4.0357770	55
6	2.7593935	2.9207610	3.0960590	3.2818676	3.4805273	3.7579263	4.0408125	54
7	2.7613762	2.9235358	3.0991416	3.2845330	3.4844070	3.7620807	4.0458590	53
8	2.7633590	2.9263152	3.1022291	3.286851	3.4882946	3.7662097	4.0509174	52
9	2.7653419	2.9290995	3.1053223	3.2891733	3.4921992	3.7703515	4.0559877	51
10	2.7673248	2.9318885	3.1084210	3.2920991	3.4961033	3.7745010	4.0610700	50
11	2.7693073	2.9346822	3.1115254	3.2950511	3.5000054	3.7786591	4.0661643	49
12	2.7712902	2.9374807	3.1146353	3.2981293	3.5039151	3.7828441	4.0712707	48
13	2.7732730	2.9402840	3.1177509	3.3016645	3.5078523	3.7870410	4.0763892	47
14	2.7752557	2.9430921	3.1208722	3.3051913	3.5117850	3.7912535	4.0815199	46
15	2.7772383	2.9459050	3.1239991	3.3226362	3.5157327	3.7954861	4.0866627	45
16	2.7792208	2.9487227	3.1271317	3.3261419	3.5196946	3.8027585	4.0918178	44
17	2.7812033	2.9515453	3.1302701	3.3296543	3.5236649	3.8072609	4.0969852	43
18	2.7831857	2.9543727	3.1334141	3.3331736	3.5276183	3.8117733	4.1021619	42
19	2.7851682	2.9572050	3.1365629	3.3366997	3.5315900	3.8162957	4.1073569	41
20	2.7871506	2.9600422	3.1397194	3.3402326	3.5355749	3.8208281	4.1125614	40
21	2.7891331	2.9628842	3.1428897	3.3437724	3.5395651	3.8253707	4.1177784	39
22	2.7911155	2.9657312	3.1460178	3.3473191	3.5435690	3.8299233	4.1229979	38
23	2.7930979	2.9685831	3.1491207	3.3508723	3.5475770	3.8344861	4.1282299	37
24	2.7950803	2.9714399	3.1522994	3.3544333	3.5515975	3.8390591	4.1334630	36
25	2.7970627	2.9743016	3.1555840	3.3580093	3.5556211	3.8436424	4.1387170	35
26	2.7990451	2.9771683	3.1587744	3.3616763	3.5596500	3.8482358	4.1440010	34
27	2.8010275	2.9800400	3.1619709	3.3653563	3.5636924	3.8528396	4.1493146	33
28	2.8030099	2.9829167	3.1651723	3.3690433	3.5677443	3.8574537	4.1546491	32
29	2.8049923	2.9857983	3.1683750	3.3727408	3.5718116	3.8620782	4.1599955	31
30	2.8069747	2.9886850	3.1715748	3.3764594	3.5758835	3.8667131	4.1653598	30
31	2.8089571	2.9915766	3.1748147	3.3795551	3.5799609	3.8713584	4.1707440	29
32	2.8109395	2.9944734	3.1780406	3.3831199	3.5840467	3.8760142	4.1761501	28
33	2.8129219	2.9973751	3.1812724	3.3867033	3.5881415	3.8806805	4.1815713	27
34	2.8149043	3.0002820	3.1845102	3.3903249	3.5922447	3.8853574	4.1870146	26
35	2.8168867	3.0031939	3.1877540	3.3940031	3.5963506	3.8900448	4.1924710	25
36	2.8188691	3.0061109	3.1910009	3.3977033	3.6004671	3.8947429	4.1979506	24
37	2.8208515	3.0090330	3.1942593	3.4013612	3.6045904	3.8994516	4.2034523	23
38	2.8228339	3.0119603	3.1975217	3.4050210	3.6087244	3.9041710	4.2089766	22
39	2.8248163	3.0148926	3.2007897	3.4086832	3.6128611	3.9089011	4.2145240	21
40	2.8267987	3.0178201	3.2040633	3.4123626	3.6170047	3.9136420	4.2199316	20
41	2.8287811	3.0207525	3.2073440	3.4160443	3.6211511	3.9183937	4.2253580	19
42	2.8307635	3.0236897	3.2106394	3.4197233	3.6253044	3.9231563	4.2308077	18
43	2.8327459	3.0266317	3.2139223	3.4234297	3.6294653	3.9279297	4.2362809	17
44	2.8347283	3.0295680	3.2172115	3.4271334	3.6336375	3.9327141	4.2417777	16
45	2.8367107	3.0325054	3.2205263	3.4308446	3.6378157	3.9375094	4.2472982	15
46	2.8386931	3.0354411	3.2238373	3.4345631	3.6420063	3.9423157	4.2528323	14
47	2.8406755	3.0383751	3.2271546	3.4382891	3.6461845	3.9471321	4.2583801	13
48	2.8426579	3.0413173	3.2304780	3.4420226	3.6503615	3.9519515	4.2639419	12
49	2.8446403	3.0442618	3.2338073	3.4457635	3.6545476	3.9567811	4.2695172	11
50	2.8466227	3.0472041	3.2371433	3.4495129	3.6587397	3.9616181	4.2751066	10
51	2.8486051	3.0501466	3.2404860	3.4532679	3.6629349	3.9664617	4.2807192	9
52	2.8505875	3.0530870	3.2438346	3.4570313	3.6671304	3.9713123	4.2863547	8
53	2.8525699	3.0560293	3.2471935	3.4608026	3.6713359	3.9761712	4.2919935	7
54	2.8545523	3.0589703	3.2505598	3.4645813	3.6755418	3.9810389	4.2977460	6
55	2.8565347	3.0619103	3.2539215	3.4683676	3.6797489	3.9859073	4.3035136	5
56	2.8585171	3.0648541	3.2572821	3.4721616	3.6839561	3.9907774	4.3092964	4
57	2.8604995	3.0678012	3.2606473	3.4759632	3.6881632	3.9956482	4.3150947	3
58	2.8624819	3.0707469	3.2640166	3.4797726	3.6923703	4.0005208	4.3209079	2
59	2.8644643	3.0736919	3.2673822	3.4835899	3.6965774	4.0053953	4.3267267	1
60	2.8664467	3.0766365	3.2707526	3.4874144	3.7007845	4.0102709	4.3325512	0
	19°	18°	17°	16°	15°	14°	13°	

NATURAL TANGENTS.

	77°	78°	79°	80°	81°	82°	83°	
8	4 2314769	4 7046301	5 1445540	6 6712318	6 3157616	7 1153097	8 1445464	60
1	4 3372316	4 7113086	5 1525557	6 6800446	6 3250601	7 1304190	8 1630799	59
2	4 3430016	4 7181256	5 1606813	6 6900394	6 3376126	7 1456308	8 1837941	58
3	4 3497866	4 7249012	5 1686311	6 7000363	6 3490492	7 1607066	8 2033229	57
4	4 3565861	4 7316844	5 1765051	6 7101256	6 3605502	7 17569437	8 2234384	56
5	4 3604303	4 7385083	5 1845035	6 7199123	6 3713559	7 1912456	8 2434485	55
6	4 3662293	4 7453401	5 1929264	6 7277416	6 3858065	7 2066116	8 2635547	54
7	4 3720731	4 7521907	5 2010739	6 7359598	6 3990422	7 2220422	8 2837679	53
8	4 3779317	4 7590603	5 2092459	6 7446889	6 4102633	7 2376378	8 3040608	52
9	4 3838054	4 7659490	5 2174429	6 7539412	6 4255301	7 2530987	8 3244577	51
10	4 3896940	4 7728568	5 2256647	6 7636088	6 4348423	7 2687255	8 3448558	50
11	4 3955977	4 7797837	5 2339116	6 7736588	6 4472017	7 2844194	8 3655636	49
12	4 4015164	4 7867300	5 2421836	6 7839825	6 4590070	7 3001780	8 3865219	48
13	4 4074504	4 7936957	5 2504909	6 7944400	6 4703591	7 3160047	8 4078015	47
14	4 4133996	4 8006808	5 2588305	6 8055315	6 4845581	7 3319890	8 4295631	46
15	4 4193641	4 8076854	5 2671617	6 8169572	6 4971043	7 3478610	8 4489573	45
16	4 4253433	4 8147096	5 2755255	6 8289812	6 5090981	7 3638916	8 4700051	44
17	4 4313372	4 8217536	5 2839251	6 8409817	6 5253296	7 3799000	8 4912772	43
18	4 4373360	4 8288174	5 2923606	6 8530048	6 5365093	7 3961595	8 5125043	42
19	4 4433367	4 8359010	5 3008601	6 8650501	6 5477672	7 4123978	8 5340172	41
20	4 4493481	4 8430045	5 3092793	6 8768842	6 5606538	7 4287004	8 5555468	40
21	4 4553656	4 8501292	5 3177830	6 8881586	6 5733092	7 4450655	8 5771838	39
22	4 4613932	4 8572719	5 3263131	6 8995084	6 5862739	7 4618357	8 5989290	38
23	4 4674379	4 8644359	5 3348636	6 9016135	6 5990280	7 4786916	8 6207833	37
24	4 4734923	4 8716201	5 3434527	6 9123550	6 6121919	7 4948514	8 6427476	36
25	4 4795626	4 8788243	5 3520636	6 9228323	6 6253258	7 5113179	8 6648323	35
26	4 4856400	4 8860490	5 3606929	6 9333455	6 6383190	7 5280671	8 6870083	34
27	4 4917252	4 8932966	5 3693630	6 9438969	6 6514442	7 5448009	8 7093077	33
28	4 4978221	4 9005682	5 3780638	6 9544815	6 6646007	7 5617667	8 7317108	32
29	4 5039297	4 9078640	5 3867718	6 9651045	6 6778077	7 5787179	8 7542461	31
30	4 5100465	4 9151870	5 3955173	6 9757644	6 6911563	7 5967541	8 7768876	30
31	4 5161691	4 9225389	5 4042901	6 9864814	6 7044906	7 6138567	8 7990446	29
32	4 5223001	4 9299268	5 4130905	6 9971967	6 7178891	7 6309533	8 8225186	28
33	4 5284406	4 9373268	5 4219188	6 0079670	6 7313341	7 6473174	8 8455103	27
34	4 5345907	4 9447390	5 4307760	6 0187732	6 7448318	7 6640584	8 8680206	26
35	4 5407408	4 9521535	5 4396691	6 0296347	6 7583826	7 6809789	8 8918505	25
36	4 5468968	4 9595874	5 4485915	6 0405603	6 7719667	7 6980735	9 0150009	24
37	4 5530578	4 9670337	5 4575321	6 0514543	6 7856446	7 7171490	9 0380728	23
38	4 5592241	4 9744912	5 4664912	6 0623067	6 7993565	7 7345028	9 0620608	22
39	4 5653957	4 9819593	5 4754688	6 0732079	6 8131227	7 7520368	9 0859843	21
40	4 5715727	4 9894377	5 4844663	6 0841381	6 8269437	7 7703506	9 0900621	20
41	4 5777551	4 9969269	5 4934804	6 0951714	6 8408186	7 7887133	9 0937933	19
42	4 5839429	5 0044271	5 5025146	6 1063269	6 8547508	7 8062212	9 0978867	18
43	4 5901361	5 0119384	5 5115779	6 1174943	6 8687378	7 8242700	9 0921074	17
44	4 5963347	5 0194608	5 5206606	6 1286923	6 8827807	7 8424191	9 1064564	16
45	4 6025387	5 0270035	5 5297634	6 1400203	6 8968799	7 8606423	9 1300348	15
46	4 6087480	5 0345663	5 5388860	6 1513685	6 9110359	7 8789439	9 1554338	14
47	4 6149623	5 0421400	5 5480481	6 1628272	6 9252489	7 8973306	9 1809258	13
48	4 6211813	5 0497246	5 5572403	6 1743063	6 9395192	7 9158151	9 2055164	12
49	4 6274056	5 0573200	5 5664624	6 1858067	6 9538472	7 9343758	9 2301027	11
50	4 6336353	5 0649262	5 5757136	6 1973279	6 9682335	7 9530224	9 2553006	10
51	4 6398704	5 0725433	5 5850007	6 2088705	6 9826781	7 9717555	9 2806802	9
52	4 6461109	5 0801714	5 5943131	6 2204347	6 9971806	7 9906756	9 3059936	8
53	4 6523568	5 0878105	5 6036507	6 2320207	7 0117441	8 0096835	9 3315450	7
54	4 6586082	5 0954606	5 6130136	6 2436286	7 0263602	8 0287496	9 3573353	6
55	4 6648651	5 1031217	5 6224021	6 2552583	7 0410432	8 0477647	9 3830663	5
56	4 6711275	5 1107938	5 6318464	6 2669095	7 0557906	8 0670304	9 4088399	4
57	4 6773954	5 1184769	5 6413176	6 2785823	7 0706034	8 0866004	9 4347151	3
58	4 6836688	5 1261720	5 6508158	6 2902861	7 0854573	8 1064599	9 4607116	2
59	4 6899477	5 1338791	5 6603409	6 3020209	7 1003620	8 1264971	9 4878149	1
60	4 6962321	5 1415982	5 6700031	6 3137856	7 1153097	8 1465404	9 5149545	0
	12°	11°	10°	9°	8°	7°	6°	

NATURAL TANGENTS

	84°	85°	86°	87°	88°	89°	
0	0.5143645	11.420052	14.300666	19.081137	28.630253	57.289962	60
1	0.5110613	11.463474	14.360636	19.187930	29.877089	58.261174	59
2	0.5079063	11.507154	14.421230	19.295922	30.122005	59.265372	58
3	0.5049022	11.546093	14.482273	19.405133	30.371106	60.305320	57
4	0.5020456	11.585294	14.543833	19.515584	30.624199	61.382905	56
5	0.5003476	11.624701	14.605916	19.627296	30.882290	62.490154	55
6	0.4987600	11.664495	14.668529	19.740291	30.144619	63.656741	54
7	0.4971676	11.704500	14.731679	19.854591	30.411580	64.888003	53
8	0.4957171	11.744770	14.795372	19.970219	30.683307	66.105473	52
9	0.49439927	11.785333	14.859616	20.087199	30.959923	67.401854	51
10	0.4931732	11.826167	14.924417	20.205553	31.241577	68.760087	50
11	0.49164140	11.867282	14.989784	20.325303	31.528392	70.153346	49
12	0.49018166	11.908682	15.055723	20.446480	31.820516	71.615070	48
13	0.48873323	11.950370	15.122342	20.569115	32.118099	73.138991	47
14	0.48731125	11.992349	15.189349	20.693220	32.421295	74.729165	46
15	0.48591008	12.034622	15.257052	20.818528	32.730264	76.390009	45
16	0.48452072	12.077192	15.325358	20.945966	33.045173	78.126342	44
17	0.48315050	12.120062	15.394276	21.074604	33.366194	79.943430	43
18	0.48179709	12.163236	15.463814	21.204049	33.693509	81.847041	42
19	0.48045923	12.206716	15.533981	21.336351	34.027303	83.843507	41
20	0.47913631	12.250505	15.604784	21.470401	34.367771	85.939701	40
21	0.47782754	12.294609	15.676233	21.605630	34.715115	88.143572	39
22	0.47653254	12.339028	15.748337	21.742569	35.069546	90.463336	38
23	0.47525232	12.383768	15.821105	21.881251	35.431282	92.908487	37
24	0.47398680	12.428831	15.894546	22.021710	35.800553	95.489475	36
25	0.47273628	12.474221	15.968667	22.163980	36.177596	98.217943	35
26	0.47149940	12.519942	16.043482	22.308097	36.562659	101.10690	34
27	0.47027555	12.565997	16.118998	22.454093	36.956001	104.17094	33
28	0.46906347	12.612390	16.195225	22.602016	37.357892	107.42648	32
29	0.46786227	12.659125	16.272174	22.751892	37.768613	110.89205	31
30	0.46667197	12.706205	16.349855	22.903766	38.189459	114.58565	30
31	0.46549258	12.753631	16.428279	23.057677	38.617783	118.54018	29
32	0.46432412	12.801417	16.507450	23.213666	39.053771	122.77896	28
33	0.46316661	12.849557	16.587390	23.371777	39.505895	127.32134	27
34	0.46202007	12.898058	16.668112	23.532052	39.965460	132.21851	26
35	0.46088451	12.946924	16.749614	23.694537	40.435837	137.50745	25
36	0.45975995	12.996160	16.831915	23.859277	40.917412	143.23712	24
37	0.45864618	13.045769	16.915025	24.026320	41.410583	149.46502	23
38	0.45754292	13.095757	16.998957	24.195714	41.915700	156.25093	22
39	0.45645048	13.146127	17.083724	24.367509	42.433464	163.70010	21
40	0.45536848	13.196883	17.169337	24.541763	42.964077	171.88540	20
41	0.45429637	13.248031	17.255800	24.718512	43.508122	180.93220	19
42	0.45323473	13.299574	17.343165	24.897826	44.066113	190.98419	18
43	0.45218312	13.351518	17.431385	25.079757	44.638596	202.21875	17
44	0.45114198	13.403867	17.520510	25.264361	45.226141	214.85762	16
45	0.45011175	13.456625	17.610550	25.451700	45.829351	229.18169	15
46	0.44909275	13.509790	17.701529	25.641832	46.448562	245.55198	14
47	0.44808450	13.563331	17.793442	25.834823	47.083343	264.44080	13
48	0.44708650	13.617409	17.886310	26.030738	47.733501	286.47773	12
49	0.44609826	13.671956	17.980150	26.229639	48.412084	312.52137	11
50	0.44511931	13.726973	18.074977	26.431600	49.103851	343.77371	10
51	0.44414916	13.782460	18.170807	26.636690	49.816726	381.97099	9
52	0.44318835	13.838427	18.267654	26.844954	50.548506	429.71757	8
53	0.44223630	13.894904	18.365537	27.056557	51.303157	491.10600	7
54	0.44129359	13.951919	18.464471	27.271486	52.080673	572.95721	6
55	0.44035972	14.009476	18.564473	27.489853	52.882109	687.54887	5
56	0.43943525	14.067613	18.665562	27.711740	53.708587	839.43630	4
57	0.43851964	14.126283	18.767754	27.937223	54.561800	1145.9153	3
58	0.43761250	14.185522	18.871063	28.166422	55.441517	1718.8732	2
59	0.43671335	14.245284	18.975523	28.399307	56.349590	2437.7467	1
60	0.43582162	14.305626	19.081137	28.636253	57.289962	Infinita.	0

5°

4°

3°

2°

1°

0°

NATURAL SECANTS

	0°	1°	2°	3°	4°	5°	6°	
0	1.0000000	1.0001523	1.0003038	1.0013723	1.0024419	1.0035118	1.0055883	60
1	1.0000000	1.0007574	1.0007198	1.0013377	1.0024023	1.0034754	1.0055331	59
2	1.0000002	1.0014277	1.0006300	1.0014038	1.0024630	1.0035371	1.0055909	58
3	1.0000004	1.0021679	1.0004404	1.0014185	1.0025235	1.0035969	1.0056509	57
4	1.0000007	1.0029173	1.0002509	1.0014341	1.0025841	1.0036577	1.0057119	56
5	1.0000011	1.0036788	1.0000614	1.0014497	1.0026449	1.0037186	1.0057731	55
6	1.0000015	1.0044413	1.0000721	1.0014655	1.0027058	1.0037797	1.0058343	54
7	1.0000021	1.0052040	1.0000828	1.0014812	1.0027667	1.0038408	1.0058955	53
8	1.0000027	1.0059667	1.0000935	1.0014971	1.0028278	1.0039020	1.0059567	52
9	1.0000034	1.0067294	1.0001043	1.0015132	1.0028889	1.0039633	1.0060178	51
10	1.0000042	1.0074921	1.0001154	1.0015293	1.0029501	1.0040246	1.0060790	50
11	1.0000051	1.0082548	1.0001265	1.0015454	1.0030114	1.0040861	1.0061401	49
12	1.0000061	1.0090174	1.0001378	1.0015617	1.0030728	1.0041478	1.0062013	48
13	1.0000072	1.0097801	1.0001490	1.0015780	1.0031342	1.0042097	1.0062625	47
14	1.0000083	1.0105428	1.0001602	1.0015944	1.0031958	1.0042718	1.0063237	46
15	1.0000096	1.0113055	1.0001716	1.0016109	1.0032574	1.0043341	1.0063850	45
16	1.0000108	1.0120682	1.0001830	1.0016276	1.0033191	1.0043966	1.0064463	44
17	1.0000122	1.0128309	1.0001946	1.0016442	1.0033809	1.0044593	1.0065076	43
18	1.0000137	1.0135936	1.0002063	1.0016609	1.0034428	1.0045222	1.0065689	42
19	1.0000153	1.0143563	1.0002180	1.0016778	1.0035048	1.0045853	1.0066301	41
20	1.0000169	1.0151190	1.0002298	1.0016947	1.0035669	1.0046486	1.0066914	40
21	1.0000187	1.0158817	1.0002417	1.0017117	1.0036290	1.0047121	1.0067527	39
22	1.0000205	1.0166444	1.0002537	1.0017288	1.0036912	1.0047758	1.0068140	38
23	1.0000224	1.0174071	1.0002658	1.0017460	1.0037536	1.0048397	1.0068753	37
24	1.0000244	1.0181698	1.0002779	1.0017633	1.0038161	1.0049038	1.0069366	36
25	1.0000264	1.0189325	1.0002902	1.0017806	1.0038786	1.0049681	1.0069979	35
26	1.0000286	1.0196952	1.0003025	1.0017981	1.0039412	1.0050326	1.0070592	34
27	1.0000308	1.0204579	1.0003149	1.0018156	1.0040039	1.0050973	1.0071205	33
28	1.0000331	1.0212206	1.0003274	1.0018332	1.0040668	1.0051622	1.0071818	32
29	1.0000354	1.0219833	1.0003400	1.0018509	1.0041298	1.0052273	1.0072431	31
30	1.0000378	1.0227460	1.0003527	1.0018687	1.0041929	1.0052926	1.0073044	30
31	1.0000402	1.0235087	1.0003654	1.0018866	1.0042562	1.0053581	1.0073657	29
32	1.0000426	1.0242714	1.0003783	1.0019045	1.0043197	1.0054238	1.0074270	28
33	1.0000451	1.0250341	1.0003912	1.0019225	1.0043834	1.0054897	1.0074883	27
34	1.0000476	1.0257968	1.0004043	1.0019407	1.0044473	1.0055558	1.0075496	26
35	1.0000501	1.0265595	1.0004173	1.0019589	1.0045114	1.0056221	1.0076109	25
36	1.0000526	1.0273222	1.0004306	1.0019772	1.0045758	1.0056886	1.0076722	24
37	1.0000551	1.0280849	1.0004438	1.0019956	1.0046404	1.0057553	1.0077335	23
38	1.0000576	1.0288476	1.0004571	1.0020140	1.0047052	1.0058222	1.0077948	22
39	1.0000601	1.0296103	1.0004706	1.0020326	1.0047702	1.0058893	1.0078561	21
40	1.0000627	1.0303730	1.0004841	1.0020511	1.0048354	1.0059566	1.0079174	20
41	1.0000653	1.0311357	1.0004977	1.0020699	1.0049008	1.0060241	1.0079787	19
42	1.0000679	1.0318984	1.0005114	1.0020887	1.0049664	1.0060918	1.0080400	18
43	1.0000705	1.0326611	1.0005251	1.0021076	1.0050322	1.0061597	1.0081013	17
44	1.0000731	1.0334238	1.0005389	1.0021266	1.0050983	1.0062278	1.0081626	16
45	1.0000757	1.0341865	1.0005527	1.0021457	1.0051646	1.0062961	1.0082239	15
46	1.0000783	1.0349492	1.0005665	1.0021649	1.0052312	1.0063646	1.0082852	14
47	1.0000809	1.0357119	1.0005804	1.0021841	1.0052980	1.0064333	1.0083465	13
48	1.0000835	1.0364746	1.0005943	1.0022034	1.0053650	1.0065022	1.0084078	12
49	1.0000861	1.0372373	1.0006083	1.0022228	1.0054322	1.0065713	1.0084691	11
50	1.0000887	1.0380000	1.0006223	1.0022423	1.0055000	1.0066406	1.0085304	10
51	1.0000913	1.0387627	1.0006364	1.0022619	1.0055680	1.0067102	1.0085917	9
52	1.0000939	1.0395254	1.0006505	1.0022815	1.0056363	1.0067800	1.0086530	8
53	1.0000965	1.0402881	1.0006646	1.0023013	1.0057048	1.0068500	1.0087143	7
54	1.0000991	1.0410508	1.0006787	1.0023211	1.0057735	1.0069183	1.0087756	6
55	1.0001017	1.0418135	1.0006929	1.0023410	1.0058424	1.0069868	1.0088369	5
56	1.0001043	1.0425762	1.0007071	1.0023610	1.0059116	1.0070555	1.0088982	4
57	1.0001069	1.0433389	1.0007213	1.0023811	1.0059810	1.0071244	1.0089595	3
58	1.0001095	1.0441016	1.0007355	1.0024013	1.0060506	1.0071935	1.0090208	2
59	1.0001121	1.0448643	1.0007497	1.0024215	1.0061204	1.0072628	1.0090821	1
60	1.0001147	1.0456270	1.0007640	1.0024418	1.0061904	1.0073322	1.0091434	0
	83°	85°	87°	89°	85°	84°	83°	

NATURAL SECANTS.

	7°	8°	9°	10°	11°	12°	13°	
0	1.0076093	1.0095276	1.0124651	1.0154266	1.0187167	1.0223406	1.0263041	60
1	1.0075459	1.0094639	1.0123318	1.0154787	1.0187743	1.0224039	1.0263731	59
2	1.0074830	1.0093910	1.0122586	1.0155310	1.0188321	1.0224672	1.0264421	58
3	1.0074182	1.0093181	1.0121855	1.0155833	1.0188899	1.0225307	1.0265113	57
4	1.0073545	1.0092452	1.0121124	1.0156357	1.0189478	1.0225942	1.0265806	56
5	1.0072908	1.0091723	1.0120393	1.0156882	1.0190059	1.0226578	1.0266499	55
6	1.0072273	1.0091000	1.0119746	1.0157408	1.0190610	1.0227216	1.0267194	54
7	1.0071639	1.0090271	1.0119099	1.0157934	1.0191222	1.0227854	1.0267889	53
8	1.0071005	1.0089542	1.0118412	1.0158463	1.0191806	1.0228493	1.0268586	52
9	1.0070372	1.0088813	1.0117725	1.0158991	1.0192389	1.0229133	1.0269283	51
10	1.0069741	1.0088084	1.0117038	1.0159520	1.0192973	1.0229774	1.0269982	50
11	1.0069110	1.0087355	1.0116351	1.0160050	1.0193559	1.0230416	1.0270681	49
12	1.0068480	1.0086626	1.0115664	1.0160582	1.0194146	1.0231059	1.0271381	48
13	1.0067851	1.0085897	1.0114977	1.0161114	1.0194734	1.0231703	1.0272082	47
14	1.0067222	1.0085168	1.0114290	1.0161647	1.0195322	1.0232348	1.0272785	46
15	1.0066593	1.0084439	1.0113603	1.0162181	1.0195912	1.0232994	1.0273488	45
16	1.0065963	1.0083710	1.0112916	1.0162716	1.0196502	1.0233641	1.0274192	44
17	1.0065334	1.0082981	1.0112229	1.0163252	1.0197093	1.0234283	1.0274897	43
18	1.0064705	1.0082252	1.0111542	1.0163789	1.0197683	1.0234937	1.0275603	42
19	1.0064076	1.0081523	1.0110855	1.0164327	1.0198279	1.0235587	1.0276310	41
20	1.0063447	1.0080794	1.0110168	1.0164865	1.0198873	1.0236237	1.0277018	40
21	1.0062818	1.0080065	1.0109481	1.0165405	1.0199468	1.0236880	1.0277727	39
22	1.0062189	1.0079336	1.0108794	1.0165948	1.0200064	1.0237524	1.0278437	38
23	1.0061560	1.0078607	1.0108107	1.0166487	1.0200661	1.0238169	1.0279148	37
24	1.0060931	1.0077878	1.0107420	1.0167029	1.0201259	1.0238814	1.0279860	36
25	1.0060302	1.0077149	1.0106733	1.0167573	1.0201858	1.0239460	1.0280578	35
26	1.0059673	1.0076420	1.0106046	1.0168117	1.0202457	1.0240106	1.0281287	34
27	1.0059044	1.0075691	1.0105359	1.0168662	1.0203053	1.0240751	1.0281992	33
28	1.0058415	1.0074962	1.0104672	1.0169203	1.0203650	1.0241400	1.0282717	32
29	1.0057786	1.0074233	1.0103985	1.0169745	1.0204246	1.0242045	1.0283443	31
30	1.0057157	1.0073504	1.0103298	1.0170383	1.0204842	1.0242693	1.0284168	30
31	1.0056528	1.0072775	1.0102611	1.0171021	1.0205440	1.0243345	1.0284887	29
32	1.0055899	1.0072046	1.0101924	1.0171661	1.0206037	1.0243998	1.0285609	28
33	1.0055270	1.0071317	1.0101237	1.0172302	1.0206635	1.0244651	1.0286331	27
34	1.0054641	1.0070588	1.0100550	1.0172943	1.0207232	1.0245305	1.0287053	26
35	1.0054012	1.0069859	1.0100130	1.0173586	1.0207837	1.0245960	1.0287765	25
36	1.0053383	1.0069130	1.0099443	1.0174230	1.0208436	1.0246616	1.0288479	24
37	1.0052754	1.0068401	1.0098756	1.0174873	1.0209036	1.0247274	1.0289193	23
38	1.0052125	1.0067672	1.0098069	1.0175517	1.0209637	1.0247933	1.0289907	22
39	1.0051496	1.0066943	1.0097382	1.0176160	1.0210239	1.0248593	1.0290621	21
40	1.0050867	1.0066214	1.0096695	1.0176804	1.0210842	1.0249254	1.0291335	20
41	1.0050238	1.0065485	1.0096008	1.0177448	1.0211446	1.0249916	1.0292049	19
42	1.0049609	1.0064756	1.0095321	1.0178092	1.0212051	1.0250579	1.0292764	18
43	1.0048980	1.0064027	1.0094634	1.0178736	1.0212656	1.0251243	1.0293479	17
44	1.0048351	1.0063298	1.0093947	1.0179380	1.0213261	1.0251908	1.0294194	16
45	1.0047722	1.0062569	1.0093260	1.0179924	1.0213866	1.0252573	1.0294909	15
46	1.0047093	1.0061840	1.0092573	1.0180568	1.0214471	1.0253238	1.0295624	14
47	1.0046464	1.0061111	1.0091886	1.0181212	1.0215076	1.0253903	1.0296339	13
48	1.0045835	1.0060382	1.0091199	1.0181856	1.0215681	1.0254568	1.0297054	12
49	1.0045206	1.0059653	1.0090512	1.0182500	1.0216286	1.0255233	1.0297769	11
50	1.0044577	1.0058924	1.0089825	1.0183144	1.0216891	1.0255898	1.0298484	10
51	1.0043948	1.0058195	1.0089138	1.0183788	1.0217496	1.0256563	1.0299199	9
52	1.0043319	1.0057466	1.0088451	1.0184432	1.0218101	1.0257228	1.0300000	8
53	1.0042690	1.0056737	1.0087764	1.0185076	1.0218706	1.0257893	1.0300801	7
54	1.0042061	1.0056008	1.0087077	1.0185720	1.0219311	1.0258558	1.0301602	6
55	1.0041432	1.0055279	1.0086390	1.0186364	1.0219916	1.0259223	1.0302403	5
56	1.0040803	1.0054550	1.0085703	1.0187008	1.0220521	1.0259888	1.0303204	4
57	1.0040174	1.0053821	1.0085016	1.0187652	1.0221126	1.0260553	1.0304005	3
58	1.0039545	1.0053092	1.0084329	1.0188296	1.0221731	1.0261218	1.0304806	2
59	1.0038916	1.0052363	1.0083642	1.0188940	1.0222336	1.0261883	1.0305607	1
60	1.0038287	1.0051634	1.0082955	1.0189584	1.0222941	1.0262548	1.0306408	0
	82°	81°	80°	79°	78°	77°	76°	

NATURAL SINGANTS.

	14°	15°	16°	17°	18°	19°	20°	
0	1°0306136	1°0352762	1°0402904	1°0456918	1°0514622	1°0576207	1°0641778	60
1	1°0306884	1°0353500	1°0403653	1°0457843	1°0515617	1°0577267	1°0642905	60
2	1°0307635	1°0354378	1°0404732	1°0458799	1°0516612	1°0578238	1°0644033	58
3	1°0308383	1°0355198	1°0405602	1°0459712	1°0517638	1°0579390	1°0645103	57
4	1°0309134	1°0356008	1°0406473	1°0460646	1°0518600	1°0580453	1°0646294	56
5	1°0309886	1°0356809	1°0407346	1°0461581	1°0519606	1°0581517	1°0647425	56
6	1°0310639	1°0357621	1°0408219	1°0462516	1°0520604	1°0582583	1°0648558	54
7	1°0311393	1°0358435	1°0409094	1°0463453	1°0521606	1°0583649	1°0649693	53
8	1°0312147	1°0359249	1°0409969	1°0464391	1°0522607	1°0584717	1°0650828	52
9	1°0312903	1°0360065	1°0410845	1°0465330	1°0523610	1°0585788	1°0651964	51
10	1°0313660	1°0360881	1°0411723	1°0466270	1°0524614	1°0586856	1°0653102	50
11	1°0314418	1°0361699	1°0412601	1°0467211	1°0525610	1°0587926	1°0654240	49
12	1°0315177	1°0362517	1°0413481	1°0468153	1°0526608	1°0588999	1°0655380	48
13	1°0315936	1°0363337	1°0414362	1°0469096	1°0527603	1°0590072	1°0656521	47
14	1°0316697	1°0364157	1°0415243	1°0470040	1°0528601	1°0591146	1°0657663	46
15	1°0317459	1°0364979	1°0416126	1°0470985	1°0529601	1°0592221	1°0658807	45
16	1°0318222	1°0365801	1°0417009	1°0471932	1°0530601	1°0593298	1°0659951	44
17	1°0318983	1°0366625	1°0417894	1°0472879	1°0531603	1°0594376	1°0661097	43
18	1°0319746	1°0367446	1°0418780	1°0473828	1°0532606	1°0595454	1°0662243	42
19	1°0320511	1°0368276	1°0419667	1°0474777	1°0533609	1°0596534	1°0663391	41
20	1°0321272	1°0369101	1°0420556	1°0475723	1°0534614	1°0597616	1°0664540	40
21	1°0322040	1°0369929	1°0421443	1°0476679	1°0535619	1°0598697	1°0665690	39
22	1°0322818	1°0370757	1°0422333	1°0477632	1°0536617	1°0599781	1°0666842	38
23	1°0323598	1°0371587	1°0423222	1°0478586	1°0537633	1°0600865	1°0667994	37
24	1°0324380	1°0372417	1°0424116	1°0479540	1°0538653	1°0601951	1°0669149	36
25	1°0325163	1°0373249	1°0425000	1°0480496	1°0539666	1°0603037	1°0670302	35
26	1°0325953	1°0374082	1°0425893	1°0481453	1°0540682	1°0604125	1°0671453	34
27	1°0326746	1°0374918	1°0426798	1°0482411	1°0541699	1°0605214	1°0672616	33
28	1°0327541	1°0375760	1°0427694	1°0483370	1°0542733	1°0606304	1°0673774	32
29	1°0328337	1°0376606	1°0428591	1°0484330	1°0543797	1°0607395	1°0674933	31
30	1°0329135	1°0377452	1°0429490	1°0485291	1°0544823	1°0608487	1°0676094	30
31	1°0329931	1°0378299	1°0430388	1°0486253	1°0545860	1°0609580	1°0677255	29
32	1°0330729	1°0379149	1°0431290	1°0487217	1°0546907	1°0610675	1°0678418	28
33	1°0331529	1°0379998	1°0432190	1°0488181	1°0547967	1°0611770	1°0679582	27
34	1°0332330	1°0380870	1°0433093	1°0489146	1°0549037	1°0612867	1°0680747	26
35	1°0333131	1°0381721	1°0433996	1°0490113	1°0550068	1°0613966	1°0681914	25
36	1°0333933	1°0382563	1°0434900	1°0491080	1°0551101	1°0615064	1°0683081	24
37	1°0334737	1°0383407	1°0435806	1°0492049	1°0552134	1°0616164	1°0684250	23
38	1°0335541	1°0384252	1°0436713	1°0493019	1°0553169	1°0617265	1°0685420	22
39	1°0336347	1°0385098	1°0437619	1°0493989	1°0554204	1°0618367	1°0686591	21
40	1°0337153	1°0385944	1°0438528	1°0494961	1°0555241	1°0619471	1°0687763	20
41	1°0337961	1°0386792	1°0439437	1°0495934	1°0556279	1°0620578	1°0688938	19
42	1°0338769	1°0387641	1°0440344	1°0496908	1°0557318	1°0621681	1°0690110	18
43	1°0339578	1°0388491	1°0441259	1°0497883	1°0558358	1°0622783	1°0691286	17
44	1°0340387	1°0389342	1°0442171	1°0498856	1°0559399	1°0623886	1°0692463	15
45	1°0341197	1°0390194	1°0443086	1°0499830	1°0560441	1°0624990	1°0693641	16
46	1°0342007	1°0391047	1°0444001	1°0500815	1°0561485	1°0626118	1°0694820	14
47	1°0342816	1°0391900	1°0444917	1°0501794	1°0562529	1°0627227	1°0696000	13
48	1°0343625	1°0392755	1°0445833	1°0502774	1°0563575	1°0628339	1°0697182	12
49	1°0344434	1°0393611	1°0446751	1°0503757	1°0564622	1°0629453	1°0698364	11
50	1°0345243	1°0394468	1°0447670	1°0504738	1°0565669	1°0630569	1°0699548	10
51	1°0346054	1°0395326	1°0448590	1°0505722	1°0566718	1°0631684	1°0700733	9
52	1°0346863	1°0396186	1°0449511	1°0506706	1°0567768	1°0632801	1°0701919	8
53	1°0347673	1°0397045	1°0450433	1°0507692	1°0568819	1°0633919	1°0703106	7
54	1°0348483	1°0397906	1°0451357	1°0508679	1°0569871	1°0635039	1°0704296	6
55	1°0349294	1°0398769	1°0452281	1°0509667	1°0570924	1°0636159	1°0705484	5
56	1°0350104	1°0399631	1°0453206	1°0510656	1°0571978	1°0637280	1°0706675	4
57	1°0350916	1°0400496	1°0454132	1°0511648	1°0573034	1°0638403	1°0707867	3
58	1°0351729	1°0401361	1°0455060	1°0512637	1°0574090	1°0639527	1°0709060	2
59	1°0352543	1°0402227	1°0455988	1°0513629	1°0575146	1°0640652	1°0710254	1
60	1°0353358	1°0403094	1°0456918	1°0514622	1°0576207	1°0641778	1°0711460	0

75°

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69°

NATURAL SECANTS.

	21°	22°	23°	24°	25°	26°	27°	
0	1.0711450	1.0785347	1.0863204	1.0945363	1.1033779	1.1126019	1.1223262	60
1	1.0712647	1.0786506	1.0864916	1.0947781	1.1035277	1.1127599	1.1224927	59
2	1.0713841	1.0787685	1.0866289	1.0949201	1.1036775	1.1129179	1.1226592	58
3	1.0715043	1.0788893	1.0867634	1.0950622	1.1038276	1.1130761	1.1228260	57
4	1.0716244	1.0790127	1.0868979	1.0952044	1.1039777	1.1132345	1.1229928	56
5	1.0717445	1.0791370	1.0870326	1.0953467	1.1041279	1.1133929	1.1231598	55
6	1.0718647	1.0792675	1.0871675	1.0954892	1.1042783	1.1135510	1.1233260	54
7	1.0719851	1.0793950	1.0873024	1.0956318	1.1044289	1.1137103	1.1234942	53
8	1.0721056	1.0795327	1.0874375	1.0957746	1.1045795	1.1138692	1.1236616	52
9	1.0722262	1.0796603	1.0875727	1.0959174	1.1047303	1.1140282	1.1238292	51
10	1.0723469	1.0797884	1.0877080	1.0960604	1.1048813	1.1141874	1.1239960	50
11	1.0724678	1.0799264	1.0878435	1.0962038	1.1050324	1.1143467	1.1241648	49
12	1.0725887	1.0800646	1.0879791	1.0963468	1.1051836	1.1145062	1.1243328	48
13	1.0727098	1.0802023	1.0881148	1.0964902	1.1053349	1.1146658	1.1245010	47
14	1.0728310	1.0803412	1.0882506	1.0966337	1.1054864	1.1148255	1.1246693	46
15	1.0729523	1.0804807	1.0883860	1.0967774	1.1056380	1.1149854	1.1248377	45
16	1.0730737	1.0806184	1.0885220	1.0969212	1.1057893	1.1151454	1.1250063	44
17	1.0731953	1.0807571	1.0886589	1.0970651	1.1059417	1.1153056	1.1251750	43
18	1.0733170	1.0808950	1.0887952	1.0972091	1.1060937	1.1154659	1.1253439	42
19	1.0734388	1.0810340	1.0889317	1.0973533	1.1062458	1.1156263	1.1255130	41
20	1.0735607	1.0811742	1.0890682	1.0974976	1.1063981	1.1157869	1.1256821	40
21	1.0736827	1.0813134	1.0892060	1.0976420	1.1065506	1.1159476	1.1258514	39
22	1.0738049	1.0814533	1.0893448	1.0977866	1.1067031	1.1161084	1.1260209	38
23	1.0739271	1.0815932	1.0894838	1.0979313	1.1068558	1.1162694	1.1261905	37
24	1.0740495	1.0817331	1.0896231	1.0980761	1.1070087	1.1164306	1.1263603	36
25	1.0741720	1.0818737	1.0897631	1.0982211	1.1071616	1.1165919	1.1265302	35
26	1.0742946	1.0819715	1.0899004	1.0983602	1.1073147	1.1167533	1.1267003	34
27	1.0744173	1.0820915	1.0900279	1.0985014	1.1074680	1.1169145	1.1268705	33
28	1.0745402	1.0822116	1.0901655	1.0986469	1.1076214	1.1170760	1.1270408	32
29	1.0746631	1.0823318	1.0903032	1.0987923	1.1077749	1.1172384	1.1272113	31
30	1.0747862	1.0824522	1.0904411	1.0989379	1.1079285	1.1174004	1.1273819	30
31	1.0749095	1.0825727	1.0905791	1.0990830	1.1080823	1.1175625	1.1275527	29
32	1.0750328	1.0826933	1.0907172	1.0992295	1.1082363	1.1177248	1.1277237	28
33	1.0751562	1.0828140	1.0908554	1.0993755	1.1083903	1.1178872	1.1278948	27
34	1.0752798	1.0829349	1.0909938	1.0995317	1.1085445	1.1180498	1.1280660	26
35	1.0754035	1.0830558	1.0911323	1.0996779	1.1086989	1.1182124	1.1282374	25
36	1.0755273	1.0831769	1.0912709	1.0998243	1.1088533	1.1183753	1.1284089	24
37	1.0756512	1.0832981	1.0914097	1.0999709	1.1090079	1.1185383	1.1285806	23
38	1.0757753	1.0834195	1.0915485	1.1001176	1.1091627	1.1187014	1.1287524	22
39	1.0758995	1.0835409	1.0916876	1.1002644	1.1093176	1.1188647	1.1289244	21
40	1.0760237	1.0836625	1.0918267	1.1004113	1.1094728	1.1190281	1.1290965	20
41	1.0761481	1.0837842	1.0919659	1.1005584	1.1096277	1.1191916	1.1292687	19
42	1.0762727	1.0839060	1.0921053	1.1007056	1.1097830	1.1193553	1.1294412	18
43	1.0763973	1.0840280	1.0922448	1.1008529	1.1099385	1.1195191	1.1296137	17
44	1.0765221	1.0841501	1.0923845	1.1010004	1.1100940	1.1196831	1.1297864	16
45	1.0766470	1.0842723	1.0925243	1.1011480	1.1102498	1.1198472	1.1299593	15
46	1.0767720	1.0843947	1.0926642	1.1012957	1.1104056	1.1200115	1.1301323	14
47	1.0768971	1.0845171	1.0928042	1.1014436	1.1105610	1.1201759	1.1303055	13
48	1.0770224	1.0846397	1.0929444	1.1015916	1.1107177	1.1203405	1.1304783	12
49	1.0771477	1.0847624	1.0930846	1.1017397	1.1108740	1.1205058	1.1306512	11
50	1.0772732	1.0848852	1.0932251	1.1018879	1.1110304	1.1206700	1.1308243	10
51	1.0773988	1.0850082	1.0933656	1.1020363	1.1111869	1.1208350	1.1309976	9
52	1.0775246	1.0851313	1.0935063	1.1021849	1.1113436	1.1210001	1.1311713	8
53	1.0776504	1.0852545	1.0936471	1.1023335	1.1115004	1.1211653	1.1313455	7
54	1.0777764	1.0853778	1.0937880	1.1024823	1.1116573	1.1213308	1.1315201	6
55	1.0779025	1.0855012	1.0939291	1.1026313	1.1118144	1.1214963	1.1316951	5
56	1.0780287	1.0856248	1.0940702	1.1027803	1.1119716	1.1216620	1.1318706	4
57	1.0781550	1.0857485	1.0942116	1.1029295	1.1121290	1.1218278	1.1320462	3
58	1.0782815	1.0858723	1.0943530	1.1030790	1.1122865	1.1219938	1.1322220	2
59	1.0784080	1.0859963	1.0944946	1.1032285	1.1124442	1.1221600	1.1323980	1
60	1.0785347	1.0861204	1.0946363	1.1033779	1.1126019	1.1223262	1.1325741	0
	65°	67°	66°	65°	64°	63°	62°	

NATURAL SECANTS

	28°	29°	30°	31°	32°	33°	34°	
0	1.1325701	1.1435541	1.1647006	1.1866334	1.1791784	1.1923633	1.2062179	60
1	1.1327453	1.1437393	1.1648945	1.1868374	1.1793928	1.1925880	1.2064547	59
2	1.1329207	1.1439231	1.1650887	1.1870416	1.1796074	1.1928142	1.2066931	58
3	1.1330962	1.1441078	1.1652830	1.1872459	1.1798221	1.1930399	1.2069288	57
4	1.1332719	1.1442927	1.1654775	1.1874504	1.1800372	1.1932658	1.2071662	56
5	1.1334478	1.1444778	1.1656722	1.1876551	1.1802523	1.1934918	1.2074037	55
6	1.1336238	1.1446630	1.1658670	1.1878600	1.1804676	1.1937181	1.2076415	54
7	1.1337999	1.1448484	1.1660620	1.1880649	1.1806831	1.1939446	1.2078794	53
8	1.1339762	1.1450339	1.1662572	1.1882701	1.1808988	1.1941712	1.2081175	52
9	1.1341527	1.1452196	1.1664525	1.1884755	1.1811146	1.1943980	1.2083559	51
10	1.1343293	1.1454055	1.1666480	1.1886810	1.1813307	1.1946251	1.2085944	50
11	1.1345060	1.1455915	1.1668436	1.1888867	1.1815469	1.1948523	1.2088331	49
12	1.1346829	1.1457776	1.1670394	1.1890926	1.1817633	1.1950796	1.2090719	48
13	1.1348600	1.1459639	1.1672354	1.1892986	1.1819798	1.1953073	1.2093112	47
14	1.1350372	1.1461504	1.1674315	1.1895048	1.1821965	1.1955350	1.2095505	46
15	1.1352146	1.1463371	1.1676278	1.1897112	1.1824135	1.1957629	1.2097900	45
16	1.1353921	1.1465238	1.1678243	1.1899178	1.1826306	1.1959911	1.2100297	44
17	1.1355697	1.1467108	1.1680309	1.1901245	1.1828479	1.1962194	1.2102696	43
18	1.1357476	1.1468979	1.1682377	1.1903314	1.1830654	1.1964479	1.2105097	42
19	1.1359255	1.1470852	1.1684446	1.1905385	1.1832830	1.1966767	1.2107500	41
20	1.1361036	1.1472726	1.1686518	1.1907457	1.1835008	1.1969056	1.2109906	40
21	1.1362819	1.1474602	1.1688591	1.1909531	1.1837183	1.1971346	1.2112312	39
22	1.1364603	1.1476479	1.1690665	1.1911607	1.1839370	1.1973639	1.2114721	38
23	1.1366389	1.1478358	1.1692741	1.1913685	1.1841564	1.1975934	1.2117132	37
24	1.1368178	1.1480239	1.1694819	1.1915764	1.1843759	1.1978230	1.2119545	36
25	1.1369968	1.1482111	1.1696900	1.1917845	1.1845957	1.1980529	1.2121960	35
26	1.1371755	1.1483995	1.1698980	1.1919928	1.1848156	1.1982829	1.2124377	34
27	1.1373547	1.1485880	1.1701063	1.1922013	1.1850357	1.1985131	1.2126794	33
28	1.1375341	1.1487777	1.1703149	1.1924100	1.1852560	1.1987435	1.2129218	32
29	1.1377133	1.1489665	1.1705233	1.1926187	1.1854764	1.1989741	1.2131639	31
30	1.1378923	1.1491555	1.1707321	1.1928277	1.1856969	1.1992049	1.2134064	30
31	1.1380714	1.1493447	1.1709411	1.1930368	1.1859169	1.1994359	1.2136481	29
32	1.1382509	1.1495340	1.1711502	1.1932463	1.1861369	1.1996671	1.2138900	28
33	1.1384300	1.1497235	1.1713594	1.1934557	1.1863569	1.1998983	1.2141321	27
34	1.1386093	1.1499131	1.1715689	1.1936653	1.1865769	1.2001300	1.2143748	26
35	1.1387887	1.1501030	1.1717785	1.1938752	1.1867969	1.2003618	1.2146178	25
36	1.1389682	1.1502930	1.1719883	1.1940852	1.1870167	1.2005937	1.2148605	24
37	1.1391479	1.1504831	1.1721982	1.1942954	1.1872366	1.2008258	1.2151034	23
38	1.1393278	1.1506734	1.1724083	1.1945056	1.1874567	1.2010582	1.2153468	22
39	1.1395078	1.1508638	1.1726185	1.1947163	1.1876768	1.2012907	1.2155907	21
40	1.1396879	1.1510544	1.1728289	1.1949270	1.1878969	1.2015234	1.2158343	20
41	1.1398682	1.1512452	1.1730397	1.1951379	1.1881171	1.2017563	1.2160780	19
42	1.1400488	1.1514361	1.1732506	1.1953490	1.1883379	1.2019894	1.2163219	18
43	1.1402295	1.1516272	1.1734614	1.1955603	1.1885589	1.2022228	1.2165670	17
44	1.1404103	1.1518185	1.1736725	1.1957717	1.1887793	1.2024561	1.2168123	16
45	1.1405912	1.1520099	1.1738833	1.1959833	1.1889995	1.2026896	1.2170578	15
46	1.1407723	1.1522015	1.1740943	1.1961951	1.1892200	1.2029236	1.2173035	14
47	1.1409536	1.1523933	1.1743059	1.1964070	1.1894408	1.2031577	1.2175494	13
48	1.1411350	1.1525851	1.1745187	1.1966191	1.1896617	1.2033919	1.2177955	12
49	1.1413166	1.1527772	1.1747307	1.1968314	1.1898828	1.2036264	1.2180416	11
50	1.1414983	1.1529694	1.1749432	1.1970432	1.1901031	1.2038610	1.2182873	10
51	1.1416801	1.1531618	1.1751558	1.1972556	1.1903238	1.2040968	1.2185340	9
52	1.1418621	1.1533543	1.1753684	1.1974684	1.1905448	1.2043328	1.2187809	8
53	1.1420442	1.1535470	1.1755812	1.1976812	1.1907659	1.2045690	1.2190280	7
54	1.1422265	1.1537399	1.1757940	1.1978940	1.1909872	1.2048054	1.2192754	6
55	1.1424089	1.1539329	1.1760069	1.1981069	1.1912089	1.2050420	1.2195230	5
56	1.1425915	1.1541261	1.1762199	1.1983199	1.1914305	1.2052788	1.2197708	4
57	1.1427741	1.1543193	1.1764329	1.1985329	1.1916522	1.2055158	1.2200187	3
58	1.1429568	1.1545130	1.1766459	1.1987459	1.1918739	1.2057530	1.2202667	2
59	1.1431396	1.1547067	1.1768589	1.1989589	1.1920957	1.2059904	1.2205148	1
60	1.1433224	1.1549006	1.1770719	1.1991719	1.1923176	1.2062280	1.2207629	0
	61°	60°	59°	58°	57°	56°	55°	

NATURAL SECANTS.

	35°	36°	37°	38°	39°	40°	41°	
0	1.207746	1.206080	1.204357	1.202608	1.200856	1.200107	1.198350	60
1	1.211023	1.209353	1.207612	1.205857	1.204100	1.202341	1.198587	59
2	1.214293	1.212619	1.210874	1.209115	1.207353	1.205589	1.199822	58
3	1.217556	1.215878	1.214129	1.212367	1.210602	1.208835	1.207066	57
4	1.220812	1.219129	1.217376	1.215611	1.213844	1.212075	1.210304	56
5	1.224061	1.222374	1.220622	1.218857	1.217090	1.215321	1.213550	55
6	1.227302	1.225611	1.223855	1.222090	1.220323	1.218554	1.216783	54
7	1.230536	1.228841	1.227082	1.225317	1.223549	1.221779	1.219998	53
8	1.233763	1.232064	1.230302	1.228535	1.226765	1.224993	1.223219	52
9	1.236983	1.235281	1.233515	1.231744	1.229970	1.228195	1.226418	51
10	1.240197	1.238492	1.236722	1.234947	1.233168	1.231386	1.229602	50
11	1.243405	1.241696	1.239922	1.238143	1.236360	1.234575	1.232788	49
12	1.246607	1.244894	1.243116	1.241333	1.239546	1.237756	1.235963	48
13	1.249803	1.248086	1.246303	1.244515	1.242722	1.240927	1.239130	47
14	1.252993	1.251272	1.249484	1.247691	1.245894	1.244094	1.242291	46
15	1.256178	1.254453	1.252661	1.250864	1.249063	1.247259	1.245452	45
16	1.259358	1.257629	1.255832	1.254031	1.252226	1.250418	1.248608	44
17	1.262533	1.260799	1.259002	1.257201	1.255397	1.253590	1.251781	43
18	1.265703	1.263964	1.262163	1.260359	1.258552	1.256742	1.254930	42
19	1.268869	1.267125	1.265318	1.263508	1.261695	1.259880	1.258063	41
20	1.272031	1.270283	1.268472	1.266658	1.264841	1.263022	1.261201	40
21	1.275189	1.273437	1.271622	1.269804	1.267983	1.266160	1.264335	39
22	1.278343	1.276587	1.274767	1.272944	1.271118	1.269290	1.267460	38
23	1.281493	1.279733	1.277908	1.276079	1.274247	1.272413	1.270577	37
24	1.284640	1.282876	1.281047	1.279214	1.277378	1.275540	1.273699	36
25	1.287783	1.286015	1.284179	1.282338	1.280494	1.278648	1.276800	35
26	1.290923	1.289151	1.287301	1.285447	1.283591	1.281733	1.279874	34
27	1.294060	1.292284	1.290429	1.288571	1.286711	1.284850	1.282987	33
28	1.297194	1.295414	1.293555	1.291693	1.289829	1.287963	1.286096	32
29	1.300325	1.298541	1.296678	1.294812	1.292944	1.291075	1.289205	31
30	1.303453	1.301665	1.300000	1.298131	1.296260	1.294388	1.292515	30
31	1.306578	1.304786	1.302917	1.301045	1.299171	1.297296	1.295419	29
32	1.309699	1.307903	1.306031	1.304156	1.302279	1.300400	1.298520	28
33	1.312817	1.311017	1.309139	1.307257	1.305373	1.303487	1.301599	27
34	1.315932	1.314128	1.312246	1.310361	1.308474	1.306585	1.304695	26
35	1.319044	1.317236	1.315351	1.313463	1.311573	1.309681	1.307788	25
36	1.322153	1.320341	1.318453	1.316561	1.314667	1.312771	1.310874	24
37	1.325259	1.323443	1.321553	1.319659	1.317763	1.315865	1.313966	23
38	1.328362	1.326542	1.324649	1.322753	1.320855	1.318955	1.317054	22
39	1.331462	1.329638	1.327741	1.325841	1.323939	1.322035	1.320130	21
40	1.334559	1.332731	1.330831	1.328928	1.327023	1.325116	1.323208	20
41	1.337653	1.335821	1.333917	1.332011	1.330103	1.328193	1.326281	19
42	1.340744	1.338908	1.337000	1.335090	1.333178	1.331264	1.329349	18
43	1.343832	1.341992	1.340081	1.338168	1.336253	1.334337	1.332419	17
44	1.346917	1.345074	1.343158	1.341239	1.339319	1.337397	1.335474	16
45	1.350000	1.348153	1.346233	1.344311	1.342387	1.340462	1.338536	15
46	1.353080	1.351229	1.349304	1.347377	1.345448	1.343518	1.341587	14
47	1.356157	1.354302	1.352372	1.350440	1.348507	1.346573	1.344638	13
48	1.359231	1.357372	1.355437	1.353500	1.351561	1.349621	1.347680	12
49	1.362302	1.360439	1.358500	1.356559	1.354616	1.352672	1.350727	11
50	1.365370	1.363503	1.361561	1.359616	1.357669	1.355721	1.353772	10
51	1.368435	1.366563	1.364611	1.362657	1.360701	1.358744	1.356786	9
52	1.371497	1.369621	1.367665	1.365707	1.363748	1.361788	1.359827	8
53	1.374556	1.372676	1.370715	1.368752	1.366788	1.364823	1.362857	7
54	1.377612	1.375738	1.373773	1.371806	1.369838	1.367869	1.365899	6
55	1.380665	1.378787	1.376827	1.374864	1.372899	1.370933	1.368966	5
56	1.383715	1.381833	1.379868	1.377901	1.375933	1.373964	1.371994	4
57	1.386762	1.384876	1.382916	1.380953	1.378988	1.377022	1.375055	3
58	1.389806	1.387916	1.385953	1.383987	1.382019	1.380050	1.378080	2
59	1.392847	1.390953	1.388985	1.387014	1.385042	1.383069	1.381095	1
60	1.395885	1.393987	1.392014	1.390039	1.388063	1.386086	1.384108	0
	54°	53°	52°	51°	50°	49°	48°	

NATURAL SECANTS.

	42°	43°	44°	45°	46°	47°	48°	
0	1.3456327	1.3673275	1.3907639	1.4142156	1.4386565	1.4640722	1.4904765	60
1	1.3459853	1.3676955	1.3905543	1.4140251	1.4389904	1.4643703	1.4908598	59
2	1.3463382	1.3680099	1.3903453	1.4138300	1.4400246	1.4647194	1.4912431	58
3	1.3466914	1.3683246	1.3901366	1.4136443	1.4406592	1.4650685	1.4916270	57
4	1.3470449	1.3686393	1.3899283	1.4134586	1.4412941	1.4654176	1.4920113	56
5	1.3473987	1.3689540	1.3897203	1.4132749	1.4419295	1.4657667	1.4923961	55
6	1.3477523	1.3692686	1.3895127	1.4130883	1.4425652	1.4661159	1.4927813	54
7	1.3481072	1.3695831	1.3893064	1.4129020	1.4432037	1.4664650	1.4931669	53
8	1.3484619	1.3700048	1.3891265	1.4127161	1.4438422	1.4668141	1.4935531	52
9	1.3488168	1.3704284	1.3889491	1.4125306	1.4444807	1.4671632	1.4939397	51
10	1.3491721	1.3708523	1.3887686	1.4123454	1.4451192	1.4675123	1.4943267	50
11	1.3495277	1.3712766	1.3885881	1.4121605	1.4457577	1.4678614	1.4947141	49
12	1.3498836	1.3717011	1.3884081	1.4119761	1.4463962	1.4682105	1.4951019	48
13	1.3502398	1.3721260	1.3882283	1.4117920	1.4470347	1.4685596	1.4954903	47
14	1.3505963	1.3725512	1.3880489	1.4116082	1.4476732	1.4689087	1.4958791	46
15	1.3509531	1.3729768	1.3878693	1.4114246	1.4483117	1.4692578	1.4962683	45
16	1.3513102	1.3734026	1.3876901	1.4112413	1.4489502	1.4696069	1.4966579	44
17	1.3516677	1.3738284	1.3875112	1.4110582	1.4495887	1.4700000	1.4970479	43
18	1.3520254	1.3742543	1.3873327	1.4108753	1.4502272	1.4703931	1.4974383	42
19	1.3523834	1.3746803	1.3871544	1.4106926	1.4508657	1.4707862	1.4978291	41
20	1.3527417	1.3751062	1.3869764	1.4105101	1.4515042	1.4711793	1.4982203	40
21	1.3531003	1.3755322	1.3867987	1.4103278	1.4521427	1.4715724	1.4986119	39
22	1.3534593	1.3759584	1.3866213	1.4101456	1.4527812	1.4719655	1.4990039	38
23	1.3538185	1.3763846	1.3864441	1.4099635	1.4534197	1.4723586	1.4993963	37
24	1.3541780	1.3768110	1.3862672	1.4097816	1.4540582	1.4727517	1.4997891	36
25	1.3545379	1.3772376	1.4000325	1.4096000	1.4546967	1.4731448	1.5001823	35
26	1.3548980	1.3776643	1.4004317	1.4094189	1.4553352	1.4735379	1.5005759	34
27	1.3552585	1.3780911	1.4008313	1.4092380	1.4559737	1.4739310	1.5009700	33
28	1.3556193	1.3785180	1.4012312	1.4090574	1.4566122	1.4743241	1.5013646	32
29	1.3559803	1.3789450	1.4016315	1.4088770	1.4572507	1.4747172	1.5017597	31
30	1.3563417	1.3793721	1.4020321	1.4086968	1.4578892	1.4751103	1.5021553	30
31	1.3567034	1.3797992	1.4024330	1.4085168	1.4585277	1.4755034	1.5025514	29
32	1.3570664	1.3802264	1.4028343	1.4083370	1.4591662	1.4758965	1.5029480	28
33	1.3574297	1.3806536	1.4032359	1.4081574	1.4598047	1.4762896	1.5033451	27
34	1.3577933	1.3810808	1.4036378	1.4079780	1.4604432	1.4766827	1.5037427	26
35	1.3581572	1.3815081	1.4040400	1.4077987	1.4610817	1.4770758	1.5041408	25
36	1.3585214	1.3819354	1.4044426	1.4076196	1.4617202	1.4774689	1.5045394	24
37	1.3588860	1.3823627	1.4048456	1.4074406	1.4623587	1.4778620	1.5049385	23
38	1.3592509	1.3827900	1.4052489	1.4072617	1.4629972	1.4782551	1.5053381	22
39	1.3596160	1.3832173	1.4056525	1.4070829	1.4636357	1.4786482	1.5057382	21
40	1.3599813	1.3836446	1.4060563	1.4069042	1.4642742	1.4790413	1.5061388	20
41	1.3603468	1.3840720	1.4064603	1.4067256	1.4649127	1.4794344	1.5065399	19
42	1.3607125	1.3844995	1.4068645	1.4065471	1.4655512	1.4798275	1.5069415	18
43	1.3610784	1.3849270	1.4072689	1.4063687	1.4661897	1.4802206	1.5073436	17
44	1.3614445	1.3853545	1.4076735	1.4061904	1.4668282	1.4806137	1.5077462	16
45	1.3618108	1.3857820	1.4080783	1.4060122	1.4674667	1.4810068	1.5081493	15
46	1.3621773	1.3862095	1.4084833	1.4058341	1.4681052	1.4813999	1.5085529	14
47	1.3625440	1.3866370	1.4088885	1.4056561	1.4687437	1.4817930	1.5089570	13
48	1.3629109	1.3870645	1.4092938	1.4054782	1.4693822	1.4821861	1.5093616	12
49	1.3632780	1.3874920	1.4096993	1.4053004	1.4700207	1.4825792	1.5097667	11
50	1.3636453	1.3879195	1.4101049	1.4051227	1.4706592	1.4829723	1.5101723	10
51	1.3640128	1.3883470	1.4105106	1.4049451	1.4712977	1.4833654	1.5105784	9
52	1.3643805	1.3887745	1.4109164	1.4047676	1.4719372	1.4837585	1.5109850	8
53	1.3647483	1.3892020	1.4113223	1.4045901	1.4725767	1.4841516	1.5113921	7
54	1.3651162	1.3896295	1.4117283	1.4044127	1.4732162	1.4845447	1.5117997	6
55	1.3654842	1.3900570	1.4121344	1.4042353	1.4738557	1.4849378	1.5122078	5
56	1.3658523	1.3904845	1.4125406	1.4040580	1.4744952	1.4853309	1.5126164	4
57	1.3662205	1.3909120	1.4129469	1.4038807	1.4751347	1.4857240	1.5130255	3
58	1.3665888	1.3913395	1.4133533	1.4037034	1.4757742	1.4861171	1.5134351	2
59	1.3669572	1.3917670	1.4137598	1.4035261	1.4764137	1.4865102	1.5138452	1
60	1.3673257	1.3921945	1.4141664	1.4033488	1.4770532	1.4869033	1.5142558	0
	42°	43°	44°	45°	46°	47°	48°	

	49°	50°	51°	52°	53°	54°	55°	
0	1.6242331	1.5557233	1.5890187	1.6242692	1.6616401	1.7012018	1.7434468	60
1	1.6247034	1.5562634	1.5895683	1.6248743	1.6622819	1.7018831	1.7441716	59
2	1.6252741	1.5568035	1.5901184	1.6254799	1.6629243	1.7025653	1.7448969	58
3	1.6258454	1.5573441	1.5906706	1.6260861	1.6635673	1.7032482	1.7456230	57
4	1.6264271	1.5578852	1.5912303	1.6266929	1.6642110	1.7039318	1.7463499	56
5	1.6270093	1.5584263	1.5917876	1.6273003	1.6648553	1.7046160	1.7470776	55
6	1.6275919	1.5589689	1.5923494	1.6279083	1.6655002	1.7053010	1.7478060	54
7	1.6281751	1.5595116	1.5929147	1.6285169	1.6661458	1.7059867	1.7485352	53
8	1.6287587	1.5600540	1.5934824	1.6291261	1.6667920	1.7066730	1.7492651	52
9	1.6293427	1.5605962	1.5940481	1.6297359	1.6674389	1.7073601	1.7499958	51
10	1.6299273	1.5611424	1.5946161	1.6303462	1.6680864	1.7080478	1.7507273	50
11	1.6305123	1.5616871	1.5951876	1.6309572	1.6687345	1.7087364	1.7514595	49
12	1.6310978	1.5622322	1.5957604	1.6315683	1.6693833	1.7094264	1.7521924	48
13	1.6316838	1.5627770	1.5963354	1.6321807	1.6700328	1.7101182	1.7529262	47
14	1.6322693	1.5633241	1.5969060	1.6327937	1.6706828	1.7108105	1.7536607	46
15	1.6328552	1.5638708	1.5974794	1.6334070	1.6713336	1.7115030	1.7543959	45
16	1.6334416	1.5644181	1.5980517	1.6340210	1.6719850	1.7121960	1.7551320	44
17	1.6340285	1.5649658	1.5986260	1.6346355	1.6726370	1.7128917	1.7558687	43
18	1.6346159	1.5655141	1.5992000	1.6352507	1.6732897	1.7135860	1.7566063	42
19	1.6352037	1.5660623	1.5997800	1.6358664	1.6739450	1.7142831	1.7573446	41
20	1.6357919	1.5666121	1.6003510	1.6364828	1.6745970	1.7149830	1.7580837	40
21	1.6363806	1.5671610	1.6009237	1.6370997	1.6752517	1.7156854	1.7588236	39
22	1.6369692	1.5677123	1.6014964	1.6377173	1.6759070	1.7163856	1.7595642	38
23	1.6375581	1.5682631	1.6020708	1.6383355	1.6765629	1.7170885	1.7603057	37
24	1.6381473	1.5688145	1.6026457	1.6389542	1.6772195	1.7177851	1.7610478	36
25	1.6387368	1.5693664	1.6032177	1.6395726	1.6778676	1.7184841	1.7617908	35
26	1.6393265	1.5699183	1.6037904	1.6401933	1.6785137	1.7191847	1.7625345	34
27	1.6399164	1.5704717	1.6043621	1.6408142	1.6791633	1.7198872	1.7632791	33
28	1.6405065	1.5710252	1.6049354	1.6414354	1.6798152	1.7205917	1.7640244	32
29	1.6410968	1.5715787	1.6055088	1.6420572	1.6804691	1.7212984	1.7647704	31
30	1.6416873	1.5721337	1.6060800	1.6426796	1.6811230	1.7220068	1.7655173	30
31	1.6422780	1.5726887	1.6066577	1.6433027	1.6817832	1.7227173	1.7662649	29
32	1.6428689	1.5732443	1.6072360	1.6439263	1.6824461	1.7234303	1.7670133	28
33	1.6434599	1.5738004	1.6078153	1.6445506	1.6831116	1.7241459	1.7677625	27
34	1.6440510	1.5743570	1.6083954	1.6451754	1.6837791	1.7248637	1.7685125	26
35	1.6446422	1.5749141	1.6089763	1.6458009	1.6844487	1.7255832	1.7692633	25
36	1.6452335	1.5754718	1.6095582	1.6464270	1.6851203	1.7263044	1.7700149	24
37	1.6458250	1.5760300	1.6101411	1.6470537	1.6857935	1.7270274	1.7707672	23
38	1.6464166	1.5765887	1.6107257	1.6476811	1.6864684	1.7277521	1.7715204	22
39	1.6470083	1.5771479	1.6113110	1.6483090	1.6871449	1.7284784	1.7722743	21
40	1.6476001	1.5777077	1.6118963	1.6489376	1.6878231	1.7292060	1.7730290	20
41	1.6481920	1.5782680	1.6124834	1.6495668	1.6885020	1.7299355	1.7737845	19
42	1.6487840	1.5788289	1.6130723	1.6501966	1.6891826	1.7306661	1.7745409	18
43	1.6493761	1.5793902	1.6136629	1.6508270	1.6898648	1.7313984	1.7752980	17
44	1.6499683	1.5799521	1.6142540	1.6514581	1.6905477	1.7321323	1.7760559	16
45	1.6505606	1.5805146	1.6148457	1.6520899	1.6912321	1.7328673	1.7768146	15
46	1.6511530	1.5810776	1.6154380	1.6527221	1.6919180	1.7336033	1.7775741	14
47	1.6517455	1.5816411	1.6160309	1.6533550	1.6926054	1.7343404	1.7783344	13
48	1.6523382	1.5822051	1.6166244	1.6539885	1.6932941	1.7350786	1.7790955	12
49	1.6529310	1.5827697	1.6172184	1.6546227	1.6939840	1.7358181	1.7798574	11
50	1.6535240	1.5833348	1.6178129	1.6552575	1.6946754	1.7365584	1.7806201	10
51	1.6541171	1.5838995	1.6184079	1.6558929	1.6953680	1.7373003	1.7813836	9
52	1.6547104	1.5844647	1.6190034	1.6565289	1.6960617	1.7380434	1.7821479	8
53	1.6553038	1.5850304	1.6195994	1.6571657	1.6967564	1.7387876	1.7829131	7
54	1.6558973	1.5855967	1.6201958	1.6578033	1.6974521	1.7395331	1.7836790	6
55	1.6564909	1.5861636	1.6207926	1.6584419	1.6981484	1.7402794	1.7844457	5
56	1.6570846	1.5867309	1.6213899	1.6590805	1.6988453	1.7410263	1.7852133	4
57	1.6576784	1.5872986	1.6219876	1.6597191	1.6995427	1.7417737	1.7859817	3
58	1.6582722	1.5878668	1.6225857	1.6603584	1.6999907	1.7425217	1.7867508	2
59	1.6588661	1.5884352	1.6231843	1.6609979	1.7006398	1.7432702	1.7875203	1
60	1.6594601	1.5890037	1.6237832	1.6616401	1.7012916	1.7440193	1.7882916	0
	40°	59°	38°	57°	36°	35°	34°	

NATURAL SINEANTS.

	56°	57°	58°	59°	60°	61°	62°	
0	17882918	18360785	18870799	19418049	20000060	20626633	21300645	60
1	17890633	18369013	18879589	19425445	20010083	20637494	21312206	61
2	17898357	18377251	18888333	19432861	20020177	20648333	21323890	62
3	17906090	18385498	18897197	19440298	20030283	20659156	21335570	63
4	17913831	18393753	18906016	19447755	20040403	20670066	21347274	64
5	17921580	18402013	18914845	19455173	20050532	20680940	21358993	65
6	17929337	18410292	18923684	19462632	20060674	20691836	21370725	66
7	17937101	18418574	18932532	19469102	20070828	20702746	21382475	67
8	17944876	18426866	18941391	19476583	20080994	20713670	21394238	68
9	17952653	18435166	18950252	19484075	20091172	20724606	21406015	69
10	17960449	18443476	18959133	19491577	20101362	20735556	21417806	70
11	17968247	18451795	18968028	19499091	20111564	20746519	21429613	71
12	17976054	18460123	18976924	19506615	20121779	20757495	21441438	72
13	17983869	18468460	18985832	19514150	20131995	20768486	21453275	73
14	17991693	18476806	18994750	19521697	20142224	20779482	21465127	74
15	17999524	18485161	19003678	19529254	20152454	20790506	21476993	75
16	18007365	18493525	19012616	19536822	20162687	20801556	21488875	76
17	18015213	18501898	19021564	19544401	20172931	20812630	21500772	77
18	18023070	18510281	19030522	19551991	20183186	20823727	21512684	78
19	18030925	18518674	19039491	19559593	20193451	20834846	21524611	79
20	18038799	18527073	19048469	19567208	20203727	20845972	21536553	80
21	18046691	18535473	19057457	19574839	20214013	20856990	21548510	81
22	18054582	18543873	19066456	19582484	20224309	20868033	21560482	82
23	18062481	18552281	19075464	19590141	20234617	20879127	21572469	83
24	18070388	18560699	19084483	19597810	20244937	20890245	21584471	84
25	18078304	18569126	19093512	19605495	20255267	20901315	21596489	85
26	18086228	18577562	19102551	19613184	20265606	20912384	21608522	86
27	18094161	18586013	19111600	19620885	20275953	20923478	21620570	87
28	18102109	18594461	19120659	19628597	20286307	20934587	21632633	88
29	18110063	18602917	19129729	19636320	20296672	20945684	21644712	89
30	18118010	18611380	19138809	19644064	20307050	20956785	21656806	90
31	18125977	18619849	19147899	19651820	20317438	20967890	21668915	91
32	18133953	18628326	19156999	19659587	20327837	20978999	21681040	92
33	18141937	18636812	19166110	19667365	20338246	20990111	21693180	93
34	18149929	18645307	19175230	19675154	20348665	21001248	21705336	94
35	18157930	18653817	19184362	19682953	20359092	21012398	21717506	95
36	18165940	18662347	19193503	19690763	20369529	21023559	21729689	96
37	18173958	18670886	19202653	19698584	20379974	21034730	21741885	97
38	18181985	18679435	19211817	19706414	20390429	21045912	21754093	98
39	18189991	18687993	19220990	19714264	20400892	21057104	21766316	99
40	18198003	18696560	19230173	19722123	20411365	21068306	21778555	100
41	18206013	18705137	19239366	19730000	20421848	21079518	21790809	1
42	18214029	18713724	19248570	19737887	20432339	21090739	21803078	2
43	18222049	18722319	19257784	19745784	20442839	21101968	21815363	3
44	18230073	18730924	19266999	19753691	20453348	21113206	21827664	4
45	18238101	18739539	19276224	19761608	20463866	21124451	21840074	5
46	18246132	18748164	19285460	19769535	20474393	21135704	21852497	6
47	18254167	18756799	19294706	19777472	20484929	21146964	21864933	7
48	18262203	18765444	19303961	19785419	20495474	21158231	21877382	8
49	18270244	18774099	19313226	19793376	20506029	21169504	21889844	9
50	18278289	18782764	19322501	19801343	20516594	21180784	21902317	10
51	18286337	18791439	19331786	19809320	20527169	21192069	21914802	11
52	18294388	18800124	19341081	19817307	20537754	21203359	21927297	12
53	18302442	18808819	19350386	19825304	20548349	21214654	21939802	13
54	18310499	18817524	19359691	19833311	20558954	21225959	21952317	14
55	18318559	18826239	19369006	19841328	20569569	21237264	21964842	15
56	18326621	18834964	19378321	19849355	20580184	21248579	21977377	16
57	18334685	18843699	19387636	19857382	20590809	21259894	21989922	17
58	18342751	18852434	19396951	19865419	20601434	21271209	21992477	18
59	18350817	18861169	19406266	19873456	20612059	21282524	22005032	19
60	18358883	18869904	19415581	19881493	20622684	21293839	22017587	20
61	18366950	18878639	19424896	19889530	20633309	21305154	22030142	21
62	18375017	18887374	19434211	19897567	20643934	21316469	22042697	22
63	18383084	18896109	19443526	19905604	20654559	21327784	22055252	23
64	18391151	18904844	19452841	19913641	20665184	21339099	22067807	24
65	18399218	18913579	19462156	19921678	20675809	21350414	22080362	25
66	18407285	18922314	19471471	19929715	20686434	21361729	22092917	26
67	18415352	18931049	19480786	19937752	20697059	21373044	22105472	27
68	18423419	18939784	19490101	19945789	20707684	21384359	22118027	28
69	18431486	18948519	19499416	19953826	20718309	21395674	22130582	29
70	18439553	18957254	19508731	19961863	20728934	21406989	22143137	30
71	18447620	18965989	19518046	19969900	20739559	21418304	22155692	31
72	18455687	18974724	19527361	19977937	20750184	21429619	22168247	32
73	18463754	18983459	19536676	19985974	20760809	21440934	22180802	33
74	18471821	18992194	19545991	19994011	20771434	21452249	22193357	34
75	18479888	19000929	19555306	20002048	20782059	21463564	22205912	35
76	18487955	19009664	19564621	20010085	20792684	21474879	22218467	36
77	18496022	19018399	19573936	20018122	20803309	21486194	22231022	37
78	18504089	19027134	19583251	20026159	20813934	21497509	22243577	38
79	18512156	19035869	19592566	20034196	20824559	21508824	22256132	39
80	18520223	19044604	19601881	20042233	20835184	21520139	22268687	40
81	18528290	19053339	19611196	20050270	20845809	21531454	22281242	41
82	18536357	19062074	19620511	20058307	20856434	21542769	22293797	42
83	18544424	19070809	19629826	20066344	20867059	21554084	22306352	43
84	18552491	19079544	19639141	20074381	20877684	21565399	22318907	44
85	18560558	19088279	19648456	20082418	20888309	21576714	22331462	45
86	18568625	19097014	19657771	20090455	20898934	21588029	22344017	46
87	18576692	19105749	19667086	20098492	20909559	21599344	22356572	47
88	18584759	19114484	19676401	20106529	20920184	21610659	22369127	48
89	18592826	19123219	19685716	20114566	20930809	21621974	22381682	49
90	18600893	19131954	19695031	20122603	20941434	21633289	22394237	50
91	18608960	19140689	19704346	20130640	20952059	21644604	22406792	51
92	18617027	19149424	19713661	20138677	20962684	21655919	22419347	52
93	18625094	19158159	19722976	20146714	20973309	21667234	22431902	53
94	18633161	19166894	19732291	20154751	20983934	21678549	22444457	54
95	18641228	19175629	19741606	20162788	20994559	21689864	22457012	55
96	18649295	19184364	19750921	20170825	21005184	21701179	22469567	56
97	18657362	19193099	19760236	20178862	21015809	21712494	22482122	57
98	18665429	19201834	19769551	20186899	21026434	21723809	22494677	58
99	18673496	19210569	19778866	20194936	21037059	21735124	22507232	59
100	18681563	19219304	19788181	20202973	21047684	21746439	22519787	60

NATURAL COSECANTS.

	63°	64°	65°	66°	67°	68°	69°	
0	2-2026303	2-2311720	2-2662016	2-4555233	2-5593047	2-6794672	2-7904281	60
1	2-2027478	2-2312335	2-2676787	2-4602003	2-5610529	2-6713306	2-7925444	59
2	2-2028075	2-2312907	2-2681578	2-4618109	2-5622170	2-6733171	2-7946641	58
3	2-2028691	2-2313518	2-2686390	2-4634227	2-5634781	2-6752405	2-7967870	57
4	2-2029323	2-2314062	2-2691222	2-4650371	2-5646342	2-6771700	2-7989154	56
5	2-2029972	2-2314674	2-2696075	2-4666633	2-5658109	2-6791145	2-8010441	55
6	2-2102637	2-2393679	2-2750949	2-4682723	2-5688752	2-6810530	2-8031777	54
7	2-2115318	2-2397403	2-2765943	2-4698913	2-5716462	2-6829945	2-8053148	53
8	2-2126016	2-2397145	2-2780768	2-4715161	2-5747109	2-6849391	2-8074554	52
9	2-2140720	2-2394906	2-2795591	2-4731442	2-5775103	2-6868867	2-8095995	51
10	2-2153460	2-2394563	2-2810650	2-4747726	2-5769753	2-6888374	2-8117471	50
11	2-2166303	2-2392483	2-2825627	2-4764034	2-5787570	2-6907912	2-8138982	49
12	2-2176971	2-2376297	2-2840625	2-4780666	2-5806414	2-6927450	2-8160529	48
13	2-2191752	2-2390184	2-2855645	2-4796721	2-5825284	2-6947079	2-8182111	47
14	2-2204458	2-2390398	2-2870785	2-4813100	2-5844182	2-6966709	2-8203729	46
15	2-2217362	2-2391780	2-2885746	2-4829503	2-5863017	2-6986370	2-8225382	45
16	2-2230192	2-2391751	2-2900823	2-4845920	2-5881708	2-7006061	2-8247071	44
17	2-2243039	2-2394560	2-2915931	2-4862350	2-5900377	2-7025784	2-8268790	43
18	2-2255903	2-2393988	2-2931035	2-4878854	2-5919103	2-7045538	2-8290556	42
19	2-2268783	2-2393526	2-2946201	2-4895352	2-5937877	2-7065323	2-8312353	41
20	2-2281681	2-2397601	2-2961367	2-4911874	2-5956613	2-7085139	2-8334185	40
21	2-2294595	2-2391486	2-2976555	2-4928421	2-5975325	2-7104987	2-8356054	39
22	2-2307520	2-2311549	2-2991764	2-4944991	2-6003541	2-7124890	2-8377958	38
23	2-2320474	2-2312913	2-3006995	2-4961586	2-6031984	2-7144777	2-8399890	37
24	2-2333428	2-2314354	2-3022247	2-4978204	2-6060354	2-7164719	2-8421877	36
25	2-2346402	2-2315761	2-3037520	2-4994848	2-6088852	2-7184693	2-8443891	35
26	2-2359319	2-2317103	2-3052816	2-5011516	2-6117308	2-7204698	2-8465941	34
27	2-2372245	2-2318574	2-3068132	2-5028207	2-6145832	2-7224735	2-8488028	33
28	2-2385183	2-2319971	2-3083469	2-5044923	2-6174363	2-7244804	2-8510152	32
29	2-2398151	2-2321404	2-3098829	2-5061663	2-6202922	2-7264905	2-8532312	31
30	2-2411155	2-2322820	2-3114210	2-5078428	2-6231529	2-7285038	2-8554510	30
31	2-2424169	2-2324231	2-3129613	2-5095218	2-6260164	2-7305203	2-8576744	29
32	2-2437177	2-2325678	2-3145038	2-5112032	2-6288818	2-7325400	2-8599016	28
33	2-2450188	2-2327090	2-3160484	2-5128871	2-6317484	2-7345630	2-8621324	27
34	2-2463199	2-2328502	2-3175952	2-5145725	2-6346158	2-7365892	2-8643670	26
35	2-2476218	2-2329927	2-3191442	2-5162624	2-6374836	2-7386186	2-8666063	25
36	2-2489248	2-2331354	2-3206954	2-5179537	2-6403527	2-7406512	2-8688474	24
37	2-2502280	2-2332781	2-3222489	2-5196475	2-6432220	2-7426871	2-8710932	23
38	2-2515314	2-2334212	2-3238041	2-5213439	2-6460926	2-7447263	2-8733428	22
39	2-2528354	2-2335645	2-3253622	2-5230420	2-6489646	2-7467687	2-8755961	21
40	2-2541394	2-2337083	2-3269222	2-5247440	2-6518380	2-7488144	2-8778532	20
41	2-2554431	2-2338520	2-3284844	2-5264478	2-6547123	2-7508634	2-8801142	19
42	2-2567470	2-2339958	2-3300489	2-5281541	2-6575876	2-7529157	2-8823789	18
43	2-2580509	2-2341402	2-3316155	2-5298620	2-6604636	2-7549712	2-8846474	17
44	2-2593549	2-2342842	2-3331844	2-5315744	2-6633408	2-7570291	2-8869198	16
45	2-2606587	2-2344281	2-3347555	2-5332883	2-6662170	2-7590923	2-8891960	15
46	2-2619626	2-2345719	2-3363289	2-5350049	2-6690942	2-7611578	2-8914760	14
47	2-2632666	2-2347158	2-3379045	2-5367233	2-6719714	2-7632267	2-8937598	13
48	2-2645705	2-2348597	2-3394823	2-5384433	2-6748486	2-7652988	2-8960475	12
49	2-2658745	2-2350036	2-3410624	2-5401634	2-6777258	2-7673744	2-8983391	11
50	2-2671784	2-2351474	2-3426448	2-5418861	2-6806026	2-7694532	2-9006346	10
51	2-2684823	2-2352912	2-3442294	2-5436123	2-6834801	2-7715355	2-9029330	9
52	2-2697862	2-2354351	2-3458163	2-5453371	2-6863574	2-7736211	2-9052372	8
53	2-2710901	2-2355791	2-3474051	2-5470645	2-6892346	2-7757100	2-9075443	7
54	2-2723940	2-2357231	2-3489968	2-5487934	2-6921118	2-7778024	2-9098553	6
55	2-2736979	2-2358670	2-3505906	2-5505230	2-6949891	2-7798982	2-9121703	5
56	2-2750018	2-2360109	2-3521863	2-5522511	2-6978664	2-7819973	2-9144892	4
57	2-2763057	2-2361548	2-3537849	2-5539804	2-6997437	2-7840999	2-9168121	3
58	2-2776096	2-2362987	2-3553853	2-5557102	2-7016212	2-7862050	2-9191389	2
59	2-2789135	2-2364426	2-3570082	2-5574401	2-7034427	2-7883125	2-9214697	1
60	2-2802174	2-2365865	2-3586333	2-5591700	2-7052642	2-7904281	2-9238044	0
	26°	25°	24°	23°	22°	21°	20°	

NATURAL SECANTS.

	70°	71°	72°	73°	74°	75°	76°	
0	1.2239044	1.0715535	1.2300680	1.4203036	1.6279553	1.8637033	1.2335658	00
1	1.2231431	1.0714507	1.2299678	1.4204611	1.6281035	1.8639025	1.2337039	01
2	1.2223858	1.0713475	1.2298652	1.4206186	1.6282537	1.8641017	1.2338420	02
3	1.2216320	1.0712440	1.2297626	1.4207761	1.6284039	1.8643000	1.2339801	03
4	1.2208823	1.0711402	1.2296600	1.4209336	1.6285561	1.8644982	1.2341182	04
5	1.2201360	1.0710362	1.2295574	1.4210911	1.6287083	1.8646965	1.2342563	05
6	1.2193931	1.0709320	1.2294548	1.4212486	1.6288605	1.8648947	1.2343944	06
7	1.2186536	1.0708277	1.2293522	1.4214061	1.6290127	1.8650930	1.2345325	07
8	1.2179175	1.0707233	1.2292496	1.4215636	1.6291649	1.8652912	1.2346706	08
9	1.2171848	1.0706188	1.2291470	1.4217211	1.6293171	1.8654895	1.2348087	09
10	1.2164555	1.0705142	1.2290444	1.4218786	1.6294693	1.8656877	1.2349468	10
11	1.2157296	1.0704095	1.2289418	1.4220361	1.6296215	1.8658860	1.2350849	11
12	1.2150071	1.0703047	1.2288392	1.4221936	1.6297737	1.8660842	1.2352230	12
13	1.2142880	1.0701998	1.2287366	1.4223511	1.6299259	1.8662825	1.2353611	13
14	1.2135723	1.0700948	1.2286340	1.4225086	1.6300781	1.8664807	1.2354992	14
15	1.2128600	1.0700000	1.2285314	1.4226661	1.6302303	1.8666790	1.2356373	15
16	1.2121511	1.0699050	1.2284288	1.4228236	1.6303825	1.8668772	1.2357754	16
17	1.2114456	1.0698098	1.2283262	1.4229811	1.6305347	1.8670755	1.2359135	17
18	1.2107435	1.0697145	1.2282236	1.4231386	1.6306869	1.8672737	1.2360516	18
19	1.2100448	1.0696190	1.2281210	1.4232961	1.6308391	1.8674720	1.2361897	19
20	1.2093494	1.0695233	1.2280184	1.4234536	1.6309913	1.8676702	1.2363278	20
21	1.2086573	1.0694275	1.2279158	1.4236111	1.6311435	1.8678685	1.2364659	21
22	1.2079686	1.0693315	1.2278132	1.4237686	1.6312957	1.8680667	1.2366040	22
23	1.2072832	1.0692353	1.2277106	1.4239261	1.6314479	1.8682650	1.2367421	23
24	1.2066011	1.0691390	1.2276080	1.4240836	1.6315999	1.8684632	1.2368802	24
25	1.2059222	1.0690425	1.2275054	1.4242411	1.6317521	1.8686615	1.2370183	25
26	1.2052465	1.0689458	1.2274028	1.4243986	1.6319043	1.8688597	1.2371564	26
27	1.2045740	1.0688489	1.2273002	1.4245561	1.6320565	1.8690580	1.2372945	27
28	1.2039047	1.0687518	1.2271976	1.4247136	1.6322087	1.8692562	1.2374326	28
29	1.2032386	1.0686545	1.2270950	1.4248711	1.6323609	1.8694545	1.2375707	29
30	1.2025757	1.0685570	1.2269924	1.4250286	1.6325131	1.8696527	1.2377088	30
31	1.2019160	1.0684593	1.2268898	1.4251861	1.6326653	1.8698510	1.2378469	31
32	1.2012595	1.0683615	1.2267872	1.4253436	1.6328175	1.8700492	1.2379850	32
33	1.2006062	1.0682635	1.2266846	1.4255011	1.6329697	1.8702475	1.2381231	33
34	1.2000000	1.0681653	1.2265820	1.4256586	1.6331219	1.8704457	1.2382612	34
35	1.1993969	1.0680669	1.2264794	1.4258161	1.6332741	1.8706440	1.2383993	35
36	1.1987969	1.0679683	1.2263768	1.4259736	1.6334263	1.8708422	1.2385374	36
37	1.1981999	1.0678695	1.2262742	1.4261311	1.6335785	1.8710405	1.2386755	37
38	1.1976059	1.0677706	1.2261716	1.4262886	1.6337307	1.8712387	1.2388136	38
39	1.1970149	1.0676715	1.2260690	1.4264461	1.6338829	1.8714370	1.2389517	39
40	1.1964269	1.0675723	1.2259664	1.4266036	1.6340351	1.8716352	1.2390898	40
41	1.1958419	1.0674729	1.2258638	1.4267611	1.6341873	1.8718335	1.2392279	41
42	1.1952599	1.0673734	1.2257612	1.4269186	1.6343395	1.8720317	1.2393660	42
43	1.1946809	1.0672737	1.2256586	1.4270761	1.6344917	1.8722299	1.2395041	43
44	1.1941049	1.0671739	1.2255560	1.4272336	1.6346439	1.8724282	1.2396422	44
45	1.1935319	1.0670739	1.2254534	1.4273911	1.6347961	1.8726264	1.2397803	45
46	1.1929619	1.0669737	1.2253508	1.4275486	1.6349483	1.8728247	1.2399184	46
47	1.1923949	1.0668733	1.2252482	1.4277061	1.6351005	1.8730229	1.2400565	47
48	1.1918309	1.0667727	1.2251456	1.4278636	1.6352527	1.8732212	1.2401946	48
49	1.1912699	1.0666719	1.2250430	1.4280211	1.6354049	1.8734194	1.2403327	49
50	1.1907119	1.0665709	1.2249404	1.4281786	1.6355571	1.8736177	1.2404708	50
51	1.1901559	1.0664697	1.2248378	1.4283361	1.6357093	1.8738159	1.2406089	51
52	1.1896029	1.0663683	1.2247352	1.4284936	1.6358615	1.8740142	1.2407470	52
53	1.1890529	1.0662667	1.2246326	1.4286511	1.6360137	1.8742124	1.2408851	53
54	1.1885049	1.0661649	1.2245300	1.4288086	1.6361659	1.8744107	1.2410232	54
55	1.1879589	1.0660629	1.2244274	1.4289661	1.6363181	1.8746089	1.2411613	55
56	1.1874149	1.0659607	1.2243248	1.4291236	1.6364703	1.8748072	1.2412994	56
57	1.1868729	1.0658583	1.2242222	1.4292811	1.6366225	1.8750054	1.2414375	57
58	1.1863329	1.0657557	1.2241196	1.4294386	1.6367747	1.8752037	1.2415756	58
59	1.1857949	1.0656529	1.2240170	1.4295961	1.6369269	1.8754019	1.2417137	59
60	1.1852589	1.0655500	1.2239144	1.4297536	1.6370791	1.8755999	1.2418518	60
61	1.1847249	1.0654469	1.2238118	1.4299111	1.6372313	1.8757982	1.2419899	61
62	1.1841929	1.0653436	1.2237092	1.4300686	1.6373835	1.8759964	1.2421280	62
63	1.1836629	1.0652401	1.2236066	1.4302261	1.6375357	1.8761947	1.2422661	63
64	1.1831349	1.0651364	1.2235040	1.4303836	1.6376879	1.8763929	1.2424042	64
65	1.1826089	1.0650325	1.2234014	1.4305411	1.6378401	1.8765912	1.2425423	65
66	1.1820849	1.0649284	1.2232988	1.4306986	1.6379923	1.8767894	1.2426804	66
67	1.1815629	1.0648241	1.2231962	1.4308561	1.6381445	1.8769877	1.2428185	67
68	1.1810429	1.0647196	1.2230936	1.4310136	1.6382967	1.8771859	1.2429566	68
69	1.1805249	1.0646149	1.2229910	1.4311711	1.6384489	1.8773842	1.2430947	69
70	1.1800089	1.0645100	1.2228884	1.4313286	1.6386011	1.8775824	1.2432328	70
71	1.1794949	1.0644049	1.2227858	1.4314861	1.6387533	1.8777807	1.2433709	71
72	1.1789829	1.0642996	1.2226832	1.4316436	1.6389055	1.8779789	1.2435090	72
73	1.1784729	1.0641941	1.2225806	1.4318011	1.6390577	1.8781772	1.2436471	73
74	1.1779649	1.0640884	1.2224780	1.4319586	1.6392099	1.8783754	1.2437852	74
75	1.1774589	1.0639825	1.2223754	1.4321161	1.6393621	1.8785737	1.2439233	75
76	1.1769549	1.0638764	1.2222728	1.4322736	1.6395143	1.8787719	1.2440614	76
77	1.1764529	1.0637701	1.2221702	1.4324311	1.6396665	1.8789702	1.2441995	77
78	1.1759529	1.0636636	1.2220676	1.4325886	1.6398187	1.8791684	1.2443376	78
79	1.1754549	1.0635569	1.2219650	1.4327461	1.6399709	1.8793667	1.2444757	79
80	1.1749589	1.0634499	1.2218624	1.4329036	1.6401231	1.8795649	1.2446138	80
81	1.1744649	1.0633427	1.2217598	1.4330611	1.6402753	1.8797632	1.2447519	81
82	1.1739729	1.0632353	1.2216572	1.4332186	1.6404275	1.8799614	1.2448900	82
83	1.1734829	1.0631277	1.2215546	1.4333761	1.6405797	1.8801597	1.2450281	83
84	1.1729949	1.0630199	1.2214520	1.4335336	1.6407319	1.8803579	1.2451662	84
85	1.1725089	1.0629119	1.2213494	1.4336911	1.6408841	1.8805562	1.2453043	85
86	1.1720249	1.0628037	1.2212468	1.4338486	1.6410363	1.8807544	1.2454424	86
87	1.1715429	1.0626953	1.2211442	1.4340061	1.6411885	1.8809527	1.2455805	87
88	1.1710629	1.0625867	1.2210416	1.4341636	1.6413407	1.8811509	1.2457186	88
89	1.1705849	1.0624779	1.2209390	1.4343211	1.6414929	1.8813492	1.2458567	89
90	1.1701089	1.0623689	1.2208364	1.4344786	1.6416451	1.8815474	1.2459948	90
91	1.1696349	1.0622597	1.2207338	1.4346361	1.6417973	1.8817457	1.2461329	91
92	1.1691629	1.0621503	1.2206312	1.4347936	1.6419495	1.8819439	1.2462710	92
93	1.1686929	1.0620407	1.2205286	1.4349511	1.6421017	1.8821422	1.2464091	93
94	1.1682249	1.0619309	1.2204260	1.4351086	1.6422539	1.8823404	1.2465472	94
95	1.1677589	1.0618209	1.2203234	1.4352661	1.6424061	1.8825387	1.2466853	95
96	1.1672949	1.0617107	1.2202208	1.4354236	1.6425583	1.8827369	1.2468234	96
97	1.1668329	1.0615999	1.2201182	1.4355811	1.6427105	1.8829352	1.2469615	97
98	1.1663729	1.0614889	1.2200156	1.4357386	1.6428627	1.8831334	1.2470996	98
99	1.1659149	1.0613777	1.2199130	1.4358961	1.6430149	1.8833317	1.2472377	99
100	1.1654589	1.0612663	1.2198104	1.4360536	1.6431671	1.8835299	1.2473758	100

NATURAL SECANTS.

	77°	78°	79°	80°	81°	82°	83°	
0	4.4454116	4.8097345	5.2108131	5.7587705	6.3924532	7.1652063	8.2055090	60
1	4.4510109	4.8163358	5.2480770	5.7632567	6.4042154	7.2001998	8.2240252	59
2	4.4569428	4.8223357	5.2555763	5.7778350	6.4160210	7.2161633	8.2445749	58
3	4.4622503	4.8295643	5.2644793	5.7874153	6.4276719	7.2301940	8.2642485	57
4	4.4679324	4.8366214	5.2724070	5.7970280	6.4397668	7.2432559	8.2840171	56
5	4.4735993	4.8428774	5.2803357	5.8066732	6.4517050	7.2560417	8.3038812	55
6	4.4792810	4.8495621	5.2883347	5.8163510	6.4636901	7.2756616	8.3238415	54
7	4.4849775	4.8566067	5.2963354	5.8260617	6.4757195	7.2909460	8.3438988	53
8	4.4906889	4.8629583	5.3043008	5.8358033	6.4877944	7.3062054	8.3640534	52
9	4.4964152	4.8697220	5.3124109	5.8455820	6.4999143	7.3217102	8.3843065	51
10	4.5021565	4.8764007	5.3204860	5.8553921	6.5120512	7.3371900	8.4046586	50
11	4.5079120	4.8832707	5.3285861	5.8652355	6.5242038	7.3527377	8.4251105	49
12	4.5136844	4.8900700	5.3367114	5.8751123	6.5363528	7.3683512	8.4456629	48
13	4.5194711	4.8968885	5.3448620	5.8850233	6.5485066	7.3840318	8.4663165	47
14	4.5252730	4.9037207	5.3530370	5.8949653	6.5612113	7.3997799	8.4870721	46
15	4.5310903	4.9105844	5.3612383	5.9049170	6.5736112	7.4165959	8.5079304	45
16	4.5369229	4.9174616	5.3694664	5.9149614	6.5860587	7.4334893	8.5288923	44
17	4.5427709	4.9243548	5.3777192	5.9250095	6.5985535	7.4474335	8.5499584	43
18	4.5486344	4.9312754	5.3859979	5.9350592	6.6110973	7.4634560	8.5711245	42
19	4.5545184	4.9382120	5.3943026	5.9452093	6.6236930	7.4795182	8.5924065	41
20	4.5604080	4.9451637	5.4026323	5.9553525	6.6363293	7.4957106	8.6137901	40
21	4.5663183	4.9521453	5.4109903	5.9655504	6.6490181	7.5119457	8.6352812	39
22	4.5722444	4.9591421	5.4193737	5.9757737	6.6617668	7.5282278	8.6568805	38
23	4.5781862	4.9661591	5.4277835	5.9860329	6.6745446	7.5446228	8.6785889	37
24	4.5841439	4.9731964	5.4362199	5.9963274	6.6873532	7.5611013	8.7004071	36
25	4.5901174	4.9802541	5.4446831	6.0066581	6.7002090	7.5776910	8.7222361	35
26	4.5961070	4.9873323	5.4531781	6.0170260	6.7132079	7.5944840	8.7442760	34
27	4.6021126	4.9944311	5.4616901	6.0274282	6.7261965	7.6108616	8.7665295	33
28	4.6081343	5.0015505	5.4702242	6.0378680	6.7392760	7.6275523	8.7889787	32
29	4.6141722	5.0086907	5.4788020	6.0483445	6.7523263	7.6444076	8.8111761	31
30	4.6202263	5.0158517	5.4874103	6.0588580	6.7654601	7.6614276	8.8336715	30
31	4.6262977	5.0230337	5.4960605	6.0694083	6.7786632	7.6786201	8.8562828	29
32	4.6323835	5.0302367	5.5048613	6.0799964	6.7919095	7.6959047	8.8790100	28
33	4.6384807	5.0374607	5.5137360	6.0906219	6.8052082	7.7124227	8.9018567	27
34	4.6445964	5.0447060	5.5226764	6.1012550	6.8185597	7.7291676	8.9248211	26
35	4.6507427	5.0519720	5.5305129	6.1119061	6.8319642	7.7460901	8.9479051	25
36	4.6569056	5.0592600	5.5393756	6.1225723	6.8454322	7.7632406	8.9711695	24
37	4.6630832	5.0665701	5.5482728	6.1332508	6.8589633	7.7806297	8.9946354	23
38	4.6692816	5.0739012	5.5571951	6.1441389	6.8725693	7.7982478	9.0183837	22
39	4.6754945	5.0812539	5.5661460	6.1551785	6.8862416	7.8160956	9.0424153	21
40	4.6817245	5.0886284	5.5751259	6.1662674	6.8999792	7.8341835	9.0668162	20
41	4.6879710	5.0960245	5.5841343	6.1774093	6.9137829	7.8524181	9.0915923	19
42	4.6942360	5.1034431	5.5931719	6.1885925	6.9276509	7.8708012	9.1167200	18
43	4.7005172	5.1108835	5.6022380	6.1998413	6.9415846	7.8893223	9.1422049	17
44	4.7068126	5.1183461	5.6113345	6.2109359	6.9555864	7.9079919	9.1679490	16
45	4.7131231	5.1258309	5.6204629	6.2221275	6.9696994	7.9268050	9.1939535	15
46	4.7194482	5.1333381	5.6296148	6.2333994	6.9839302	7.9457656	9.2202254	14
47	4.7257895	5.1408677	5.6387923	6.2447310	6.9982797	7.9648763	9.2467644	13
48	4.7321462	5.1484199	5.6479940	6.2561346	7.0127481	7.9840389	9.2735717	12
49	4.7385177	5.1559945	5.6572284	6.2676091	7.0273350	7.9993545	9.3006479	11
50	4.7449036	5.1635924	5.6664831	6.2791533	7.0420390	8.0148240	9.3280000	10
51	4.7513012	5.1712128	5.6757585	6.2907673	7.0568605	8.0304481	9.3556306	9
52	4.7577199	5.1788563	5.6850544	6.3024513	7.0717997	8.0462286	9.3835482	8
53	4.7641598	5.1865223	5.6943708	6.3142053	7.0868574	8.0621651	9.4117638	7
54	4.7706209	5.1942125	5.7037066	6.3260293	7.0979700	8.0782582	9.4402884	6
55	4.7771039	5.2019264	5.7130720	6.3379233	7.1117609	8.0944973	9.4691283	5
56	4.7836080	5.2096618	5.7224623	6.3498876	7.1257019	8.1208460	9.4982856	4
57	4.7901332	5.2174166	5.7318821	6.3619216	7.1397957	8.1476648	9.5277644	3
58	4.7966793	5.2251950	5.7413360	6.3740256	7.1540464	8.1747642	9.5575681	2
59	4.8032463	5.2329911	5.7508281	6.3861997	7.1684556	8.1861157	9.5877056	1
60	4.8098343	5.2408041	5.7603565	6.3984432	7.1830265	8.2086000	9.6077722	0
	12°	11°	10°	9°	8°	7°	6°	

NATURAL SECANTS.

	84°	85°	86°	87°	88°	89°	
0	9.6667122	11.415713	14.235587	19.107223	28.653708	57.296638	60
1	9.6632233	11.511990	14.395471	19.215970	29.284398	58.260755	59
2	9.6597229	11.605623	14.455859	19.321216	29.129162	59.274308	58
3	9.6463724	11.698316	14.516787	19.430882	29.385124	60.314110	57
4	9.6337730	11.789372	14.578172	19.541187	29.641373	61.391050	56
5	9.7010260	11.607693	14.640109	19.652754	29.898026	62.607133	55
6	9.7233327	11.707232	14.702576	19.765604	30.161201	63.664336	54
7	9.7557944	11.747141	14.765580	19.879768	30.428017	64.965716	53
8	9.7854124	11.737274	14.829122	19.996241	30.690098	66.115006	52
9	9.8111880	11.827633	14.893226	20.11076	30.970074	67.409272	51
10	9.8391227	11.869370	14.957881	20.230294	31.257577	68.757300	50
11	9.8672176	11.909340	15.023103	20.342893	31.544248	70.160474	49
12	9.8954744	11.950535	15.088806	20.470226	31.830225	71.672082	48
13	9.9228943	11.992137	15.155170	20.593409	32.125063	73.146827	47
14	9.9524787	12.033970	15.222231	20.717368	32.430718	74.736856	46
15	9.9812221	12.076008	15.289788	20.842830	32.745537	76.396554	45
16	10.010147	12.118522	15.357949	20.969824	33.060300	78.132742	44
17	10.039234	12.161244	15.426721	21.098376	33.381176	79.949084	43
18	10.068431	12.204274	15.496114	21.228515	33.708345	81.855150	42
19	10.097720	12.247608	15.566135	21.360272	34.041904	83.840470	41
20	10.127223	12.291252	15.636793	21.493676	34.382316	85.945809	40
21	10.157900	12.335216	15.708006	21.628769	34.729515	88.140244	39
22	10.187254	12.379464	15.779954	21.765553	35.083800	90.488823	38
23	10.217398	12.424078	15.852676	21.904000	35.445291	92.912892	37
24	10.247607	12.469005	15.925971	22.044403	35.814517	95.494711	36
25	10.278190	12.514240	15.999943	22.186828	36.191414	98.132033	35
26	10.308966	12.559816	16.074617	22.330499	36.576332	101.11185	34
27	10.339726	12.605724	16.149987	22.476333	36.969628	104.17574	33
28	10.370772	12.651971	16.226069	22.624126	37.371573	107.43114	32
29	10.402007	12.698550	16.302873	22.773857	37.781849	110.90056	31
30	10.433431	12.745436	16.380408	22.925586	38.201850	114.69301	30
31	10.465046	12.792779	16.458636	23.079351	38.630693	118.54440	29
32	10.496854	12.840416	16.537717	23.235196	39.069673	122.77803	28
33	10.528857	12.888410	16.617513	23.393161	39.518549	127.22226	27
34	10.561067	12.936765	16.698082	23.553291	39.977909	132.02229	26
35	10.593455	12.985446	16.779439	23.715630	40.448201	137.01108	25
36	10.626004	13.034476	16.861594	23.880224	40.929630	142.24061	24
37	10.658854	13.083940	16.944559	24.047121	41.422060	147.90837	23
38	10.691859	13.133882	17.028348	24.216370	41.926717	153.92528	22
39	10.725070	13.184106	17.112946	24.388020	42.443248	160.30325	21
40	10.758488	13.234717	17.198434	24.562123	42.971613	171.89531	20
41	10.792117	13.285719	17.284761	24.738751	43.512612	180.93456	19
42	10.825957	13.337116	17.371909	24.917900	44.067458	190.96080	18
43	10.860011	13.388914	17.460046	25.099655	44.640795	202.22122	17
44	10.894281	13.441116	17.549030	25.284144	45.232705	214.86095	16
45	10.928768	13.493731	17.638923	25.471337	45.840260	228.18385	15
46	10.963476	13.546785	17.729783	25.661324	46.463623	243.53402	14
47	10.998406	13.600206	17.821520	25.854129	47.103961	260.44209	13
48	11.033560	13.654077	17.914545	26.049927	47.762974	280.47948	12
49	11.068940	13.708379	18.009937	26.248604	48.442411	312.62297	11
50	11.104549	13.763113	18.106619	26.450510	49.144662	347.77616	10
51	11.140389	13.818291	18.204603	26.655435	49.882572	391.07230	9
52	11.176462	13.873913	18.303905	26.863903	50.658963	429.71872	8
53	11.212770	13.929985	18.404742	27.075030	51.481202	491.10702	7
54	11.249316	13.986514	18.508130	27.289814	52.350072	572.96800	6
55	11.286101	14.043504	18.613187	27.508025	53.2691564	687.64300	5
56	11.323129	14.100963	18.622330	27.729777	53.717806	820.36690	4
57	11.360402	14.158904	18.734377	27.955123	54.570614	1146.9157	3
58	11.397923	14.217304	18.847445	28.184183	55.450634	1716.9735	2
59	11.435692	14.276200	19.001854	28.417997	56.380403	2437.7463	1
60	11.473713	14.335587	19.107323	28.653708	57.296638	Infinita.	0
	5°	4°	3°	2°	1°	0°	

SQUARES, CUBES, RECIPROCAL, MULTIPLES OF π

No.	Square	Cube	Recip- rocal	Multiples of π	No.	Square	Cube	Recip- rocal	Multiples of π
x	x^2	x^3	x^{-1}		x	x^2	x^3	x^{-1}	
1	1	1	1.0000 000	3.142	50	25 00	125 000	0.0200 000	157.090
2	4	8	0.5000 000	6.283	61	26 01	132 651	-0.196 078	160.221
3	9	27	-3333 333	9.425	52	27 04	140 609	-0.192 308	163.363
4	16	64	-2500 000	12.566	53	28 09	148 877	-0.188 679	166.504
					54	29 16	157 464	-0.185 185	169.646
5	25	125	0.2000 000	15.708					
6	36	216	-1666 667	18.850	55	30 25	166 375	0.0181 818	172.788
7	49	343	-1428 571	21.991	56	31 36	175 616	-0.178 571	175.929
8	64	512	-1250 000	25.133	57	32 49	185 193	-0.176 439	179.071
9	81	729	-1111 111	28.274	58	33 64	195 112	-0.172 414	182.212
					59	34 81	205 379	-0.169 492	185.354
10	1 00	1 000	0.1000 000	31.416					
11	1 21	1 331	-9909 091	34.558	60	36 00	216 000	0.0166 667	188.496
12	1 44	1 728	-8933 333	37.699	61	37 21	226 981	-0.163 034	191.637
13	1 69	2 197	-7769 231	40.841	62	38 44	238 328	-0.161 290	194.779
14	1 96	2 744	-6714 286	43.982	63	39 69	250 047	-0.158 730	197.920
					64	40 96	262 144	-0.156 250	201.062
15	2 25	3 375	0.0666 667	47.124					
16	2 56	4 096	-0625 000	50.265	65	42 25	274 625	0.0163 840	204.204
17	2 89	4 913	-0588 235	53.407	66	43 56	287 496	-0.151 515	207.345
18	3 24	5 832	-0555 556	56.549	67	44 89	300 763	-0.149 254	210.487
19	3 61	6 859	-0526 316	59.690	68	46 24	314 432	-0.147 059	213.628
					69	47 61	328 509	-0.144 928	216.770
20	4 00	8 000	0.0500 000	62.832					
21	4 41	9 261	-0476 190	65.973	70	49 00	343 000	0.0142 857	219.911
22	4 84	10 648	-0454 545	69.115	71	50 41	357 911	-0.140 845	223.053
23	5 29	12 167	-0434 783	72.257	72	51 84	373 248	-0.138 880	226.195
24	5 76	13 824	-0416 667	75.398	73	53 29	389 017	-0.136 946	229.336
					74	54 76	405 224	-0.135 135	232.478
25	6 25	15 625	0.0400 000	78.540					
26	6 76	17 576	-0384 615	81.681	75	56 25	421 875	0.0133 333	235.619
27	7 29	19 683	-0370 370	84.823	76	57 76	439 976	-0.131 579	238.761
28	7 84	21 052	-0357 143	87.965	77	59 29	458 533	-0.129 870	241.903
29	8 41	24 389	-0344 823	91.106	78	60 84	477 552	-0.128 205	245.044
					79	62 41	497 039	-0.126 582	248.186
30	9 00	27 000	0.0333 333	94.248					
31	9 61	29 791	-0322 581	97.389	80	64 00	512 000	0.0125 000	251.327
32	10 24	32 768	-0312 500	100.531	81	65 61	531 441	-0.123 457	254.469
33	10 89	35 937	-0303 030	103.673	82	67 24	551 368	-0.121 951	257.611
34	11 56	39 304	-0294 118	106.814	83	68 89	571 787	-0.120 482	260.752
					84	70 56	592 704	-0.119 048	263.894
35	12 25	42 875	0.0285 714	109.956					
36	12 96	46 656	-0277 778	113.097	85	72 25	614 125	0.0117 647	267.035
37	13 69	50 653	-0270 270	116.239	86	73 96	636 056	-0.116 279	270.177
38	14 44	54 872	-0263 158	119.381	87	75 69	658 503	-0.114 943	273.319
39	15 21	59 319	-0256 410	122.522	88	77 44	681 472	-0.113 636	276.460
					89	79 21	704 929	-0.112 360	279.602
40	16 00	64 000	0.0250 000	125.664					
41	16 81	68 921	-0243 502	128.805	90	81 00	729 000	0.0111 111	282.743
42	17 64	74 064	-0238 093	131.947	91	82 81	753 571	-0.109 890	285.885
43	18 49	79 507	-0232 558	135.088	92	84 64	778 688	-0.108 596	289.027
44	19 36	85 184	-0227 273	138.230	93	86 49	804 337	-0.107 327	292.168
					94	88 36	830 564	-0.106 333	295.310
45	20 25	91 125	0.0222 222	141.372					
46	21 16	97 336	-0217 391	144.513	95	90 25	857 375	0.0105 263	298.451
47	22 09	103 823	-0212 768	147.655	96	92 16	884 736	-0.104 167	301.593
48	23 04	110 592	-0208 333	150.796	97	94 09	912 672	-0.103 093	304.734
49	24 01	117 649	-0204 082	153.938	98	96 04	941 192	-0.102 041	307.876
					99	98 01	970 299	-0.101 010	311.018
50	25 00	125 000	0.0200 000	157.080					
					100	100 00	1000 000	0.0100 000	214.159

MATHEMATICAL CONSTANTS

Constant	Number	Log	Constant	Number	Log
π	3 1415 927	0.4971 499	$1/\pi$	0.3183 099	9.6023 501
2π	6 2831 853	0.7981 799	$1/2\pi$	0.1591 549	9.2018 201
$\pi/2$	1.5707 963	0.1961 199	$2/\pi$	0.6366 193	9.8038 601
$\pi/4$	0.7853 982	9.8950 899	$4/\pi$	1.2732 393	0.1049 101
$4\pi/3$	4.1887 902	0.6220 839	$\sqrt{3/4\pi}$	0.6203 505	9.7976 371
π^2	9.8696 044	0.9942 997	$1/\pi^2$	0.1013 212	9.0057 003
$\sqrt{\pi}$	1.7724 339	0.2485 749	$1/\sqrt{\pi}$	0.5641 598	9.7514 251
$\sqrt{2\pi}$	2.5066 283	0.3990 899	$1/\sqrt{2\pi}$	0.3989 423	9.6009 101
$1/\sqrt{\pi}$	0.5641 598	9.9473 449	$2/\sqrt{\pi}$	1.1283 792	0.0524 651
$\sqrt{1/\pi}$	1.2533 141	0.0980 899	$\sqrt{2/\pi}$	0.7978 846	9.9019 401
e	2.7182 818	0.4342 943	e^2	7.3890 681	0.8657 055
e^2	7.3890 681	0.8683 600	e^{-2}	0.1353 353	0.1314 110
\sqrt{e}	1.6487 213	0.2171 472	e^{-1}	0.3678 794	9.7828 523
$\sqrt{2}$	1.4142 136	0.1505 150	$\sqrt{1/2}$	0.7071 068	9.5494 559
$\sqrt{3}$	1.7320 508	0.2385 606	$\sqrt{10}$	3.1622 777	0.5051 505
$\sqrt{10}$	3.1622 777	0.5051 505	$\sqrt{100}$	10.0000 000	1.0000 000
$M = \log e$	0.4342 943	9.5377 843	$1/M = \ln 10$	2.3025 851	0.3622 157
ρ	0.4769 863	9.5764 604	$\sqrt{2}$	1.4142 136	9.8494 559
1 radian	57.2957 795	1.7581 226	1°	0.0174 533	8.2418 774
"	3437.7467 709	3.5362 759	1'	0.0002 909	8.4637 261
"	206264.8062 471	5.3144 251	1"	0.0000 046	4.6853 749

METRIC CONVERSION FACTORS

METRIC TO BRITISH

1 mm.	= 0.039 370 inches
1 cm.	= 0.393 701 inches
1 metre	= 39.370 118 inches
	= 3.280 843 feet
	= 1.093 614 yards
1 km.	= 0.621 372 miles
1 sq cm.	= 0.155 001 sq inches
1 sq m.	= 10.763 929 sq feet
	= 1.195 992 sq yards
1 sq km.	= 0.386 103 sq miles
1 hectare	= 2.471 056 acres
1 cubic cm.	= 0.061 024 c. inches
1 c. metre	= 35.314 739 c. feet
	= 1.307 954 c. yards
1 gram	= 15.432 356 grains
	= 0.035 274 ounces
1 kg.	= 2.204 622 pounds
1000 kg.	= 0.984 206 tons
1 litre	= 1.759 893 pints
	= 0.879 902 quarts
	= 0.219 975 gallons

BRITISH TO METRIC

1 inch	= 25.399 976 mm.
	= 2.539 998 cm.
1 foot	= 30.479 973 cm.
	= 0.304 800 metres
1 yard	= 0.914 399 metres
1 mile	= 1.609 343 km.
1 sq inch	= 6.451 683 sq cm.
1 sq foot	= 0.092 908 sq m.
1 sq yard	= 0.836 126 sq m.
1 sq mile	= 2.589 981 sq km.
1 acre	= 0.404 685 hectares
1 c. inch	= 16.387 021 cubic cm.
1 c. foot	= 0.028 317 c. metres
1 c. yard	= 0.764 653 c. metres
1 grain	= 0.064 799 gram
1 ounce	= 28.349 527 gram
1 pound	= 0.453 592 kg
1 ton	= 1016.047 kg
1 pint	= 0.568 245 litres
1 quart	= 1.136 491 litres
1 gallon	= 4.546 083 litres